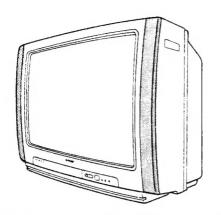
## SHARP

## **SERVICE MANUAL**

S43W525AN1B//



# 28 SYSTEM COLOUR TELEVISION Chassis No. C-200

## MODEL 25AN1(B)

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

Page  ELECTRICAL SPECIFICATIONS 2 BLOCK DIAGRAM 41  IMPORTANT SERVICE NOTES 3 REPLACEMENT PARTS LIST  SERVICE ADJUSTMENT 4 Electrical Parts 45  TROUBLE SHOOTING TABLE 15 Packing Parts 62  CHASSIS LAYOUT DIAGRAM 21 Supplied Accessories Parts 62  PRINTED WIRING BOARD ASSEMBLIES 23 Cabinet Parts 62  SCHEMATIC DIAGRAMS AND WAVEFORMS 31	CON	TENTS —————————
	<ul> <li>ELECTRICAL SPECIFICATIONS</li></ul>	<ul> <li>BLOCK DIAGRAM</li> <li>REPLACEMENT PARTS LIST</li> <li>Electrical Parts</li> <li>Packing Parts</li> <li>Supplied Accessories Parts</li> <li>62</li> </ul>

## WARNING

The chassis in this receiver is partially hot. Use an isolation transformer between the line cord plug and power receptacle, when servicing this chassis.

To prevent electric shock, do not remove cover. No user — serviceable parts inside. Refer servicing to qualified service personnel.

## **ELECTRICAL SPECIFICATIONS**

Power input	200 V~240 V	AC, 50/60 Hz
Power Consumption		155 W
Convergence	Self Conve	erging System
Focus Bi-Pot	ential Uni-Potentia	l Electrostatio
Sweep Deflection	criticit, Other Otericia	Manager
Intermediate Francesia		Wagnetic
Intermediate Frequencies		
Picture IF Carrier	• • • • • • • • • • • • • • • • • • • •	38.9 MHz
Sound IF Carrier		
6.5MHz		32.4 MHz
6.0MHz		32.9 MHz
5.5MHz		
4.5MHz		
Colour Sub-Carrier		54.4 191112
PAL/NTSC		24 47 8411-
SECAM		
NTSC	• • • • • • • • • • • • • • • • • • • •	. 35.32 MHz
Audio Power Output Rating	7.5	$W \times 2$ (Max.)
Speaker		
Size	12cm x 6cr	n Oval x 2 pcs
Voice Coil Impedance		8 Ω at 400 Hz
Aerial Input Impedance	75.0	Unbalanced
Receiving Channels		
PAL-B/G, SECAM-B/G		
VHF	F-	2 thru E12
UHF		
CATV		
	M:	
	Ű.	I thru U10
<ul> <li>PAL-D/K, SECAM-D/K</li> </ul>		
VHF:		thru R12
UHF	21	thru 69,
		China 57
PAL-I	1	
VHF	(IRELAND): E	thru J
UHF	(U.K., H.K.): 21	
NTSC-M	(O.K., 11.K.). 21	una 69
	(116).	
VHF		thru 13
	(JAPAN): 1	
UHF		thru 79
	(JAPAN): 13	thru 62
CATV	A-6	thru A-1,
	A	thru W,
		AA
Receiving Frequency		
VHF	48.25 MHz thru	295.25 MHz
UHF		863.25 MHz

Specifications are subject to change without prior notice.

## IMPORTANT SERVICE NOTES

Maintenance and repair of this receiver should be done by qualified service personnel only.

## SERVICING OF HIGH VOLTAGE SYSTEM AND PICTURE TUBE

When servicing the high voltage system, remove static charge from it by connecting a 10k ohm Resistor in series with an insulated wire (such as a test probe) between picture tube dag and 2nd anode lead. (AC line cord should be disconnected from AC outlet.)

- 1. Picture tube in this receiver employs integral implosion protection.
- 2. Replace with tube of the same type number for continued safety.
- 3. Do not lift picture tube by the neck.
- 4. Handle the picture tube only when wearing shatterproof goggles and after discharging the high voltage completely.

## X-RAY

This receiver is designed so that any X-Ray radiation is kept to an absolute minimum. Since certain malfunctions or servicing may produce potentially hazardous radiation with prolonged exposure at close range, the following precautions should be observed:

- 1. When repairing the circuit, be sure not to increase the high voltage to more than 32.0 kV, (at beam 0  $\mu$ A) for the set.
- 2. To keep the set in a normal operation, be sure to make it function on 28.7 kV ± 1.5 kV (at beam 1.4 mA) in the case of the set. The set has been factory Adjusted to the abovementioned high voltage.
  - If there is a possibility that the high voltage fluctuates as a result of the repairs, never forget to check for such high voltage after the work.
- 3. Do not substitute a picture tube with unauthorized types and/or brands which may cause excess X-ray radiation.

## BEFORE RETURNING THE RECEIVER

Before returning the receiver to the user, perform the following safety checks.

- 1. Inspect all lead dress to make certain that leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the receiver.
- 2. Inspect all protective devices such as non-metallic control knobs, insulating fishpapers, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacity networks, mechanical insulators etc.

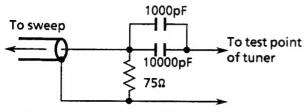
## SERVICE ADJUSTMENT

## PIF/AFT/AGC ADJUSTMENT

#### **TUNER IFT COIL**

The tuner has been factory preset (no adjustment is needed).

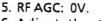
- 1. Keep the set without any signal input. Set  $V_T$  voltage at 11V in  $V_H$  band.
- 2. Connect sweep generator's output to the test point of tuner, by using a 750 DC cut probe.



Connection Diagram of 750 DC Cut Probe.

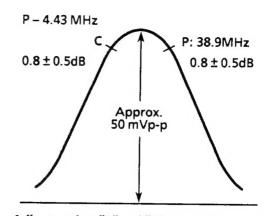
Note: The earth point of sweep generator's probe should be grounded closely to the tuner test point.

- 3. Output level of sweep generator: 80 dB
- Connect response lead (low impedance probe with detector) to the IF output terminal of the tuner.

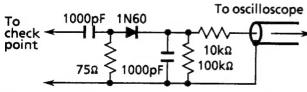


6. Adjust the tuner IF coils to obtain the waveform as shown figure below.

Note: For the adjustment, keep the tuner covered with its lid.



Adjust so that "P" and "C" are at the same level.



**Connection Diagram of Low Impedance Probe** (with Detector).

## **VCO FREE-RUN FREQUENCY ADJUSTMENT: T2003**

- 1. Keep the set without any signal input.
- 2. Make a short-circuit between TP2002 and ground.

Measure the voltage at TP2001 with a multimeter and record the reading.

Note: Use a multimeter that has a scale in mV.

- Connect the sweep generator's output to the IF output terminal of the tuner.
  - Frequency:

38.9MHz (CW) ± 5kHz.

Sweep output level: 80 to 90dB<sub>μ</sub>V.

Note: Before starting this adjustment, keep IC2001 energized for more than 2 minutes.

- Break the short-circuit between TP2002 and ground. Adjust T2003 so that the multimeter should read the same voltage as that in the above step 2.
  - Accuracy: Reading in step 2 ± 10mV (3.2kHz/mV).

At this time, observe the waveform at TP201 (detection output) on the oscilloscope screen to make sure there is an output of approx. DC 3V.

Range: DC 1V/div.

Note: Check the waveform on the oscilloscope screen for noises or beating. Any noise or beating means maladjustment.

## PIF/AFT/AGC ADJUSTMENT (Continued)

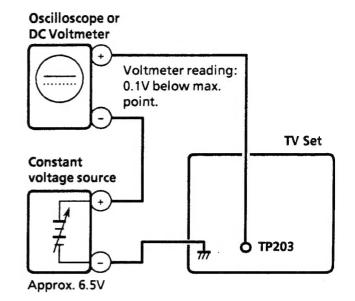
## **RF-AGC CUT-IN CONTROL: R219**

- Tune the TV set in to the VHF high band (over channel E10) and receive "PAL COLOUR BAR" signal.
  - Field intensity: 57dB ± 1dBμV

(with 75Ω terminated)

Note: Adjust a 50-ohm field intensity meter to 55 to 56dB level if no 50/75 impedance transducer is used. Pay attention to a loss if using an impedance transducer.

- 2. Connect the oscilloscope or DC voltmeter to TP203.
- 3. Turn R219 to make the voltage highest.
- 4. Slowly turn R219 in the opposite direction until the voltage goes down 0.1V from the highest level.
- 5. Adjust the signal level to 63 to  $67 {\rm dB} \mu {\rm V}$  and make sure there is no noise.
- 6. Now adjust the signal level to 90 to  $95 dB_{\mu}V$  and be sure that there is no cross modulation beat.



## AFT COIL: T2002

- Tune the TV set in to the VHF high band (over channel E10) and receive "PAL COLOUR BAR" signal.
  - Signal strength: Over 55dB, Below 80dB.
- 2. Connect oscilloscope to TP201.
  - Range:

0.5V/div.

• Sweep time:

20μsec/div.

• Synchronization: Horizontal sync.

- Connect the output of SSG (Standard Signal Generator) to the tuner IF output terminal across a capacitor of 1pF.
  - SSG output frequency:

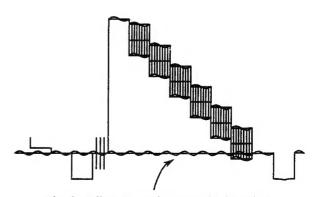
38.9MHz (CW)

38.9MHz ± 5kHz

SSG output level: approx. 50dB

- Set the preset switch at VHF-H tuning position and adjust FINE button (Up or Down) of tuning control so that the output waveform suffers no beating.
- 5. Set the preset switch at NORMAL position.

- 6. Adjust T2002 so that no beating is caused at the output waveform.
  - Adjustment error: 38.900MHz ± 25kHz



Finely adjust to make zero the beating

## **SOUND ADJUSTMENT**

## **RF-SUB-SOUND ADJUSTMENT: R234**

- 1. Receive the "SECAM COLOUR BAR" signal.
  - Sound modulation: 400Hz, 60%.
- 2. Connect oscilloscope to TP1301.

- 3. Adjust R234 so that the 400Hz sine waveform is 0.6Vp-p.
  - Adjustment error: 0.6 ± 0.04Vp-p.

## **SUB-SOUND ADJUSTMENT: R333**

- 1. Receive the "PAL COLOUR BAR" signal.
  - Audio signal: 400Hz, 100% modulation
- 2. Connect the VTVM to TP301.
- 3. Make sure the SURROUND mode is off.
- 4. Turn up the sound volume to maximum.
- 5. Adjust R333 so that the VTVM reading at TP301 be 6.9 Vrms.

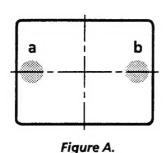
## **NOISE MUTE CHECKING**

- 1. Receive the "PAL COLOUR BAR" signal.
  If not available, receive any broadcast station.
- 2. Turn up the volume control all the way and make sure sound comes out of the speakers. Then shut off the signal.
- 3. Make sure the sound mute effect is on.

## **PURITY ADJUSTMENT**

Note: During the adjustment, keep the unit facing the east.

### **PURITY ADJUSTMENT**



a. Left-had side b. Right-hand side

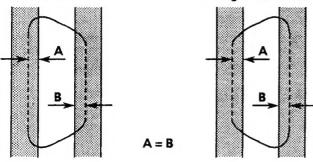


Figure B. Rank "A" landing

- 1. Prior to the purity adjustment, warm up the unit with beam current of 1.1mA, for more than 30 minutes.
- 2. Receive the green signal alone and adjust the Contrast control so that the beam current is
- 3. Fully degauss the CRT with the degaussing coil.
  - Vertical By:  $+0.45 \times 10^{-4}$ T (+0.45 gauss)
  - Horizontal B<sub>H</sub>: 0T (0 gauss)
- 4. Set the purity magnet at the position which gives zero (0) magnetic field.

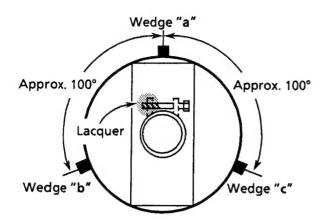
## Adjustment:

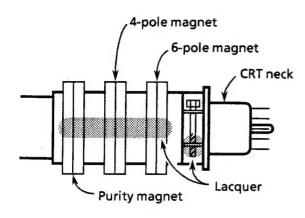
- 5. Observe the green spots ("a" and "b") with a microscope as shown Fig. A, and adjust the purity magnet so that they are at the specified landing position (Rank "A").
- 6. Set the raster rotation at "0" position (with the unit facing the east).
- 7. Tighten the screws of the deflection coil. Tightening torque:  $11 \text{ kg} \pm 2 \text{ kg}$ .
- 8. Look at the CRT corners. Apply the magnet sheets so that the landings should be of Rank "A".

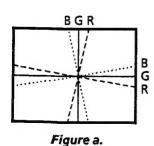
## **CONVERGENCE ADJUSTMENT**

Note: During the adjustment, keep the unit facing the east.

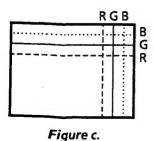
#### **CONVERGENCE ADJUSTMENT**

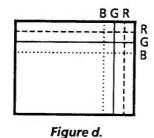






R G B
R G B
Figure b.





## This adjustment should be performed after the purity magnet adjustment.

- 1. Receive "CROSSHATCH PATTERN" signal.
- 2. Set the Brightness control and Contrast control at MAX position.

## STATIC CONVERGENCE

- 3. Adjust the opening degree of the 4-pole magnet and rotate the magnet to converge red and blue lines.
- 4. Adjust the opening degree of the 6-pole magnet and rotate the magnet to converge red, blue and green lines.

### **DYNAMIC CONVERGENCE**

5. Dynamic convergence (convergence of the three colour fields) at the edges of CRT screen is accomplished in the following manner.

## Convergence in Fig. a:

Insert wedge"a" between the deflection yoke and CRT, and tilt the deflection yoke upward until the mis-convergence shown in *Fig. a* is corrected.

### Convergence in Fig. b:

Insert wedges "b" and "c" between the deflection yoke and CRT, and tilt the deflection yoke until the mis-convergence shown in *Fig. b* is corrected.

## Convergence in Fig. c:

Insert wedge "c" deeply between the deflection yoke and CRT, and tilt the deflection yoke to right until the misconvergence shown in *Fig. c* is corrected.

## Convergence in Fig. d:

Insert wedge "b" deeply between the deflection yoke and CRT, and tilt the deflection yoke to left until the misconvergence shown in *Fig. d* is corrected.

- 6. Stick the three wedges onto the CRT, and apply glass tapes thereon.
- Apply lacquer to the deflection yoke screw, magnet unit (made of purity, 4-pole and 6pole magnets) and magnet unit screw.

After the adjustment, receive either the Red or the Blue signal and check that there is no mixture with the other colour signal.

## HORIZONTAL AND VERTICAL CIRCUIT ADJUSTMENT

#### **VERTICAL LINEARITY: R514**

- 1. Receive the "MONO SCOPE PATTERN" signal.
- 2. Press the video "N" key of the remote controller.
- 3. Roughly adjust Vertical Size control R510 to given an 8% overscan.
- 4. Adjust R514 for optimum vertical linearity. This is achieved by making the upper and lower halves of the circular pattern symmetric.

### **VERTICAL CENTER and VERTICAL SIZE**

- \$501: Vertical Center
- R510: Vertical Size
- 1. Receive the "MONO SCOPE PATTERN" signal.
- 2. Press the video "N" key of the remote controller.
- Adjust Vertical Center switch \$501 at the position where thr pattern's vertical Center coincides with the CRT's geometrical vertical Center. \$501 is a step-by-step rotary switch. Set it at the optimum position.
- 4. Adjust Vertical Size control R510 to obtain an 8% overscan.

## HORIZONTAL CENTER and HORIZONTAL SIZE

- R602: Horizontal Center
- L606: Horizontal Size
- 1. Receive the "MONO SCOPE PATTERN" signal and roughly adjust Horizontal Size control L606 to give about 8% overscan.
- 2. Press the "N" key of the remote controller.
- 3. Align the pattern's horizontal Center with the CRT's geometrical horizontal Center by adjusting Horizontal Center control R602.
- 4. Adjust Horizontal Size control L606 to give and 8% overscan.

## **VIDEO CIRCUIT ADJUSTMENT**

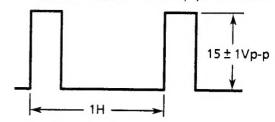
## CRT CUT-OFF and SUB-BRIGHTNESS ADJUSTMENT

- R403 : Sub Bright
- R2816: Red Bias control
- R2817: Green Bias control
- R2818: Blue Bias control
- Screen control (a part of T601)
- R2811: Green Drive control
- R2812: Blue Drive control

Note: Prior to this adjustment, warm up the unit with the beam current of 1100  $\mu$ A for more than 30 minutes.

- 1. Receive "MONOSCOPE PATTERN" signal.
- Set R-bias control at MIN (0/10) position.
   Set G-bias control at MIN (0/10) position.
   Set B-bias control at MIN (0/10) position.
   Set G-drive control at CENTER (5/10) position.
   Set B-drive control at CENTER (5/10) position.
- Turn on the video "N" key on the remote controller.
- 4. Set the Contrast control at MIN position.
- 5. Set the Screen control at MIN (0/10) position.
- Connect the oscilloscope to TP2801 (red cathode).

- 7. Set service switch S401 at the horizontal line position.
- Adjust Sub-Brightness control R403 to obtain a blanking pulse level of 15V ± 1Vp-p at TP2801.



- 9. Disconnect thhe oscilloscope from TP 2801.
- Slowly turn the Screen control clockwise and stop it where the horizontal raster appears slightly, in one of the three colours.
- 11. Carefully adjust the Bias controls of the other two colours until the horizontal raster becomes white.
- 12. Turn the Screen control counterclockwise until the horizontal raster just disappears.

### WHITE BALANCE and BACK GROUND

- R2811: Green Drive control
- R2812: Blue Drive control
- R416: Sub-Contrast control

Note: Prior to this adjustment, warm up the unit with the beam current of 1100  $\mu$ A for more than 30 minutes.

- 1. Receive "MONOSCOPE PATTERN" signal.
- Press the video "N" key of the remote controller. Contrast will thereby become maximum and brightness medium.
- 3. Connect the ammeter to TP601 and TP602. (Full scale: 3 mA)

- Adjust the Sub-Contrast control to obtain a beam current of approx. 1.4 mA. (rough adjustment)
- Adjust Green Drive and Blue Drive controls to obtain a colour temperature of 7500 °K (white).
- Reduce the beam current to approx. 200 μA by adjusting the Contrast and Brightness controls, and check the background colour. If the colour temperature is not 7500 °K, repeat the adjustment in step 5.

## SUB-CONTRAST CONTROL: R416

Note: Prior to this adjustment, warm up the unit with the beam current of  $1100\mu$ A for more than 30 minutes.

- 1. Receive "MONOSCOPE PATTERN" signal.
- Press the video "N" key of the remote controller. Contrast will thereby become maximum and brightness medium.
- 3. Connect the ammeter between TP601 (-) and TP602 (+), and select the 3mA range.
- 4. Adjust Sub-Contrast control to obtain a beam current of 1.4 mA.

#### Note:

Beam current should become approx. 1.45 mA when both the Contrast and Brightness controls are set to maximum.

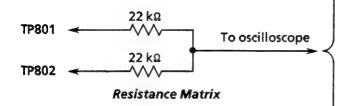
## CHROMA CIRCUIT ADJUSTMENT "PAL"

## **PAL CHROMA ADJUSTMENT**

R1810: 1H-delay amp. controlT1801: 1H-delay phase control

Note: PIF/AFT/AGC adjustments should have been completed before starting this adjustment.

- 1. Receive the "PAL COLOUR BAR" signal.
- 2. Connect the following resistance matrix to TP801 and TP802, to which an oscilloscope is connected.



- 3. Set service switch S401 at the Video Cut position to cut off the Y-signal.
- Press the video "N" key of the remote controller.
- 5. Operating the colour control key on the remote controller, adjust the difference between the green and magenta signal levels to 1.5Vp-p as shown in Fig. A.
- 6. Adjust R1810 and T1801 so that the output waveform becomes as shown in Fig. B.
- 7. Set service switch \$401 to the centre position.

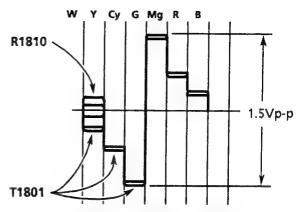


Figure a. Waveform before the adjustment

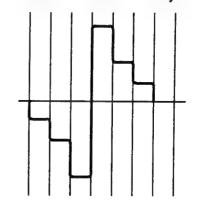
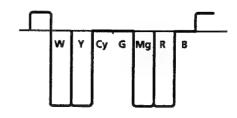


Figure b. Waveform after the adjustment

### PAL SUB-COLOUR: R1804

- 1. Receive the "PAL COLOUR BAR" signal.
- 2. Turn on the video "N" key of the remote controller.
- 3. Connect the oscilloscope to TP2801 (red cathode).
  - Range: 20V/div.
  - Sweep time: 20 µsec/div.
- 4. Adjust R1804 so that the white signal (75%) and red signal have the same level as shown below.



## CHROMA CIRCUIT ADJUSTMENT "SECAM"

## **BELL FILTER ADJUSTMENT: T1903**

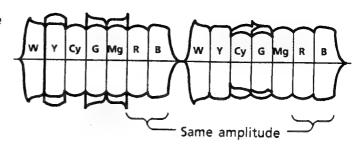
1. Receive "SECAM COLOUR BAR" signal.

Connect oscilloscope to TP901 with the following settings.

Range: AC 0.05 V/div.
 Sweep Time: 20 µsec/div.

Probe: 1/10 (30pF, 10MΩ or more)

3. Adjust the Bell Filter (T1903) so that the red and blue portions of the colour bar signal should have the same amplitude.



## **SECAM KILLER ADJUSTMENT: T1904**

Receive "SECAM COLOUR BAR" signal.

2. Connect oscilloscope to TP902 with the following settings.

• Range: DC 1V/div.

(Adjust vertical position properly.)

• Sweep Time: 20 µsec/div.

3. Adjust T1904 to obtain maximum DC voltage (approx. 7.5V) at TP902.

## B-Y (T1901), R-Y (T1902) DISCRIMINATOR ADJUSTMENT

Note: Connect a  $0.001\mu\text{F}$  capacitor to TP801 and TP802 respectively to filter out interference noise.

1. Receive "SECAM COLOUR BAR" signal.

 Connect the oscilloscope (with two channels) to TP801 (R-Y) and the TP802 (B-Y), both located on the CRT Socket Unit (PWB-C) of the set.

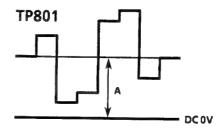
• Range: DC 2V/div.
• Sweep Time: 10 \(\nu\)sec/div.

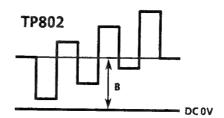
3. Set service switch S401 at the Video Cut position to cut-off the Y-signal.

4. Set both the Contrast and Brightness controls to their maximum positions.

 Adjust T1901 and T1902 so that the DC output levels obtained when the colour control is set to minimum (black and white level) and those when set to 100% colour saturation become the same.

6. Set service switch \$401 to the center position.

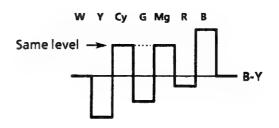




## CHROMA CIRCUIT ADJUSTMENT "NTSC"

## SUB-HUE: R1805

- 1. Receive "NTSC COLOUR BAR" signal.
- 2. Connect oscilloscope to TP802 (B-Y).
- 3. Turn on the video "N" key of the remote controller.
- 4. Set service switch \$401 to the Video Cut position to cut-off the Y-signal.
- 5. Operating the Colour control key on the remote controller, adjust the B-Y waveform to approx. 3Vp-p.
- 6. Adjust Sub-Hue control R1805 so that the waveform is obtained.
- 7. Set service switch \$401 to the center position.



## PROTECTOR PERFORMANCE CHECK

### **BEAM PROTECTOR**

- 1. Receive "MONO SCOPE PATTERN" signal.
- 2. Adjust the Contrast control to maximum.
- 3. Adjust the Brightness control to maximum.
- Make the collector and emitter of Q2801 shortcircuited.
- 5. Confirm that the protector is activated and selects the stand-by mode.

## HIGH VOLTAGE PROTECTOR

- 1. Receive "MONO SCOPE PATTERN" signal.
- 2. Connect the bias box across R675.
- 3. Check the functioning of the H.V. protector with different voltages applied through the bias box as follows:
  - It should not operate at 20V.
  - It should operate at 24V.

## PICTURE CONTROL KEY PERFORMANCE CHECK

### **CONTRAST KEY**

- 1. Receive "MONO SCOPE PATTERN" signal.
- 2. Using the picture select switch, call the contrast mode.
- Confirm that the screen contrast changes when the Up/Down key is pressed.

#### SURROUND

- 1. Set the Surround switch in the front-door to S-WIDE.
- 2. Push the Surround switch of Remote Controller and make sure that the surround LED is light-up.

#### **COLOUR KEY**

- 1. Receive "NTSC COLOUR BAR" signal.
- 2. Using the picture select switch, call the colour mode.
- Confirm that the colour changes when the Up/Down key is pressed. (The picture should be completely discoloured when the colour level is set to minimum.)

## CHANNEL SIGN DISPLAY COLOUR

Make sure all the channel signs (Channels 1 thru 39) are displayed in green.

#### **BRIGHTNESS KEY**

- 1. Receive "MONO SCOPE PATTERN" signal.
- Using the picture select switch, call the brightness mode.
- 3. Use the Up/Down key to make sure the black level changes.

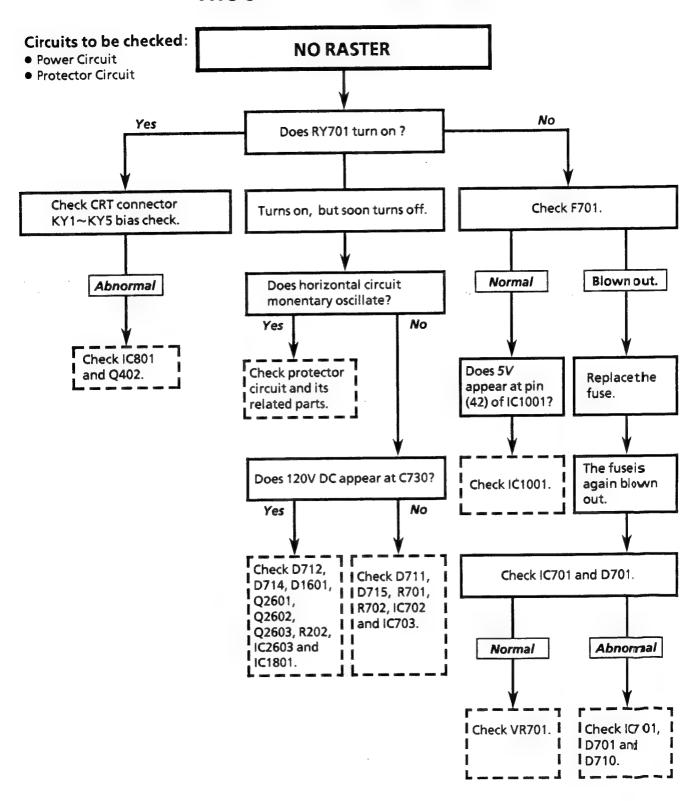
#### **BLUE BACK SWITCH**

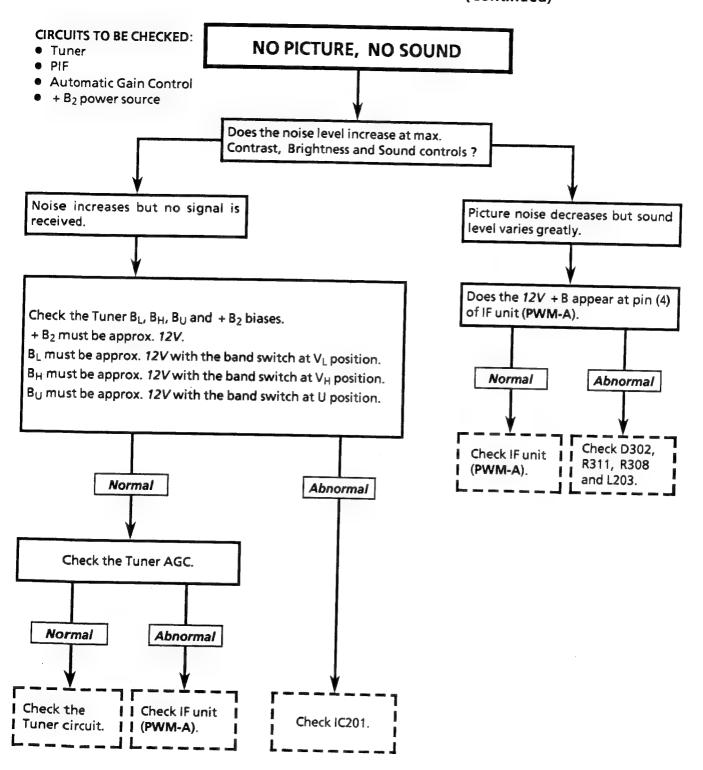
Turn on the blue back switch. With no signal input, make sure the screen background turns blue. Turn it off to see if the blue back effect is cut-off.

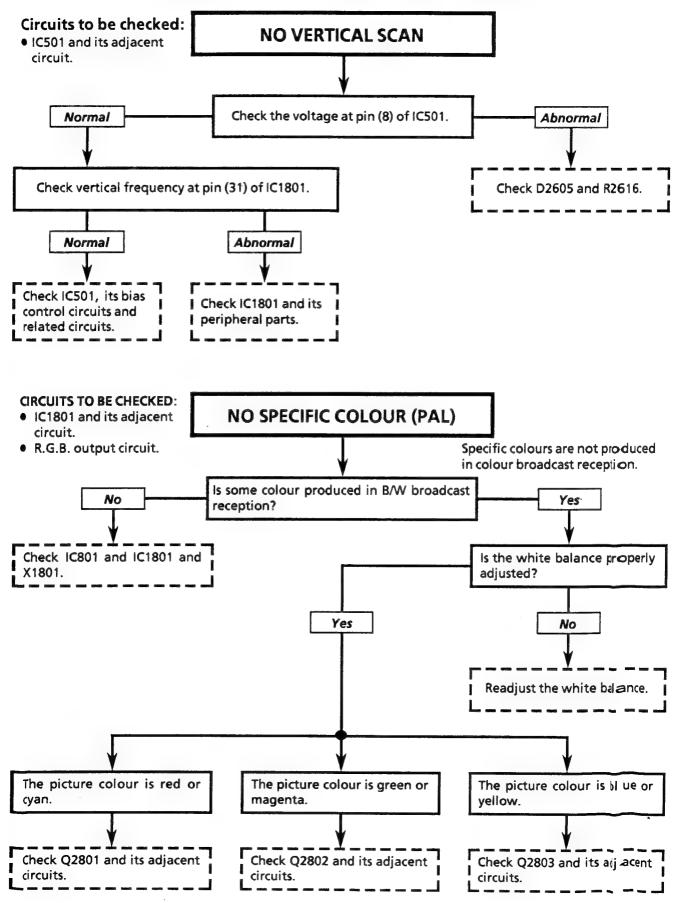
## TINT KEY

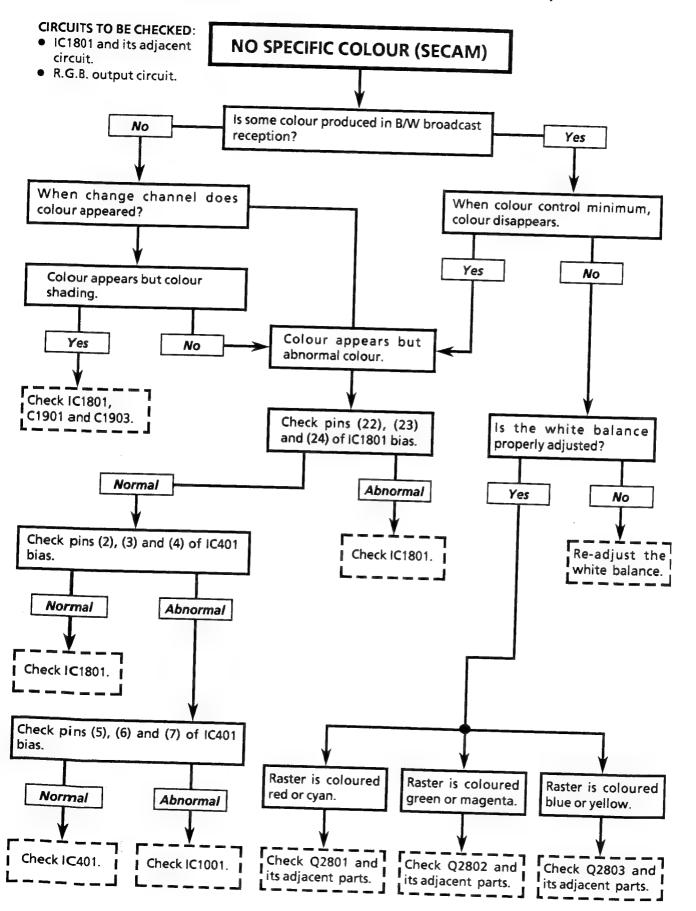
- 1. Receive "NTSC COLOUR BAR" signal.
- Using the picture select switch, call the tint mode.
- Use the Up/Down key to make sure the tint on the screen changes: yellowish at Up(+) and reddish at Down (-).

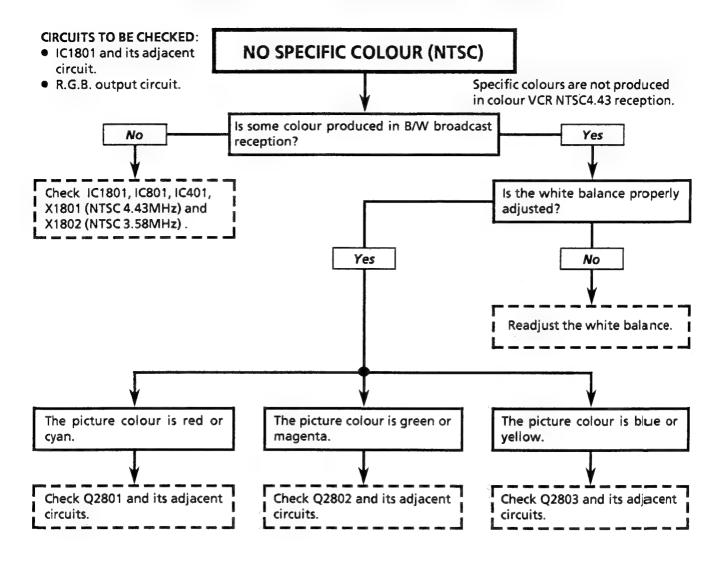
## TROUBLE SHOOTING TABLE



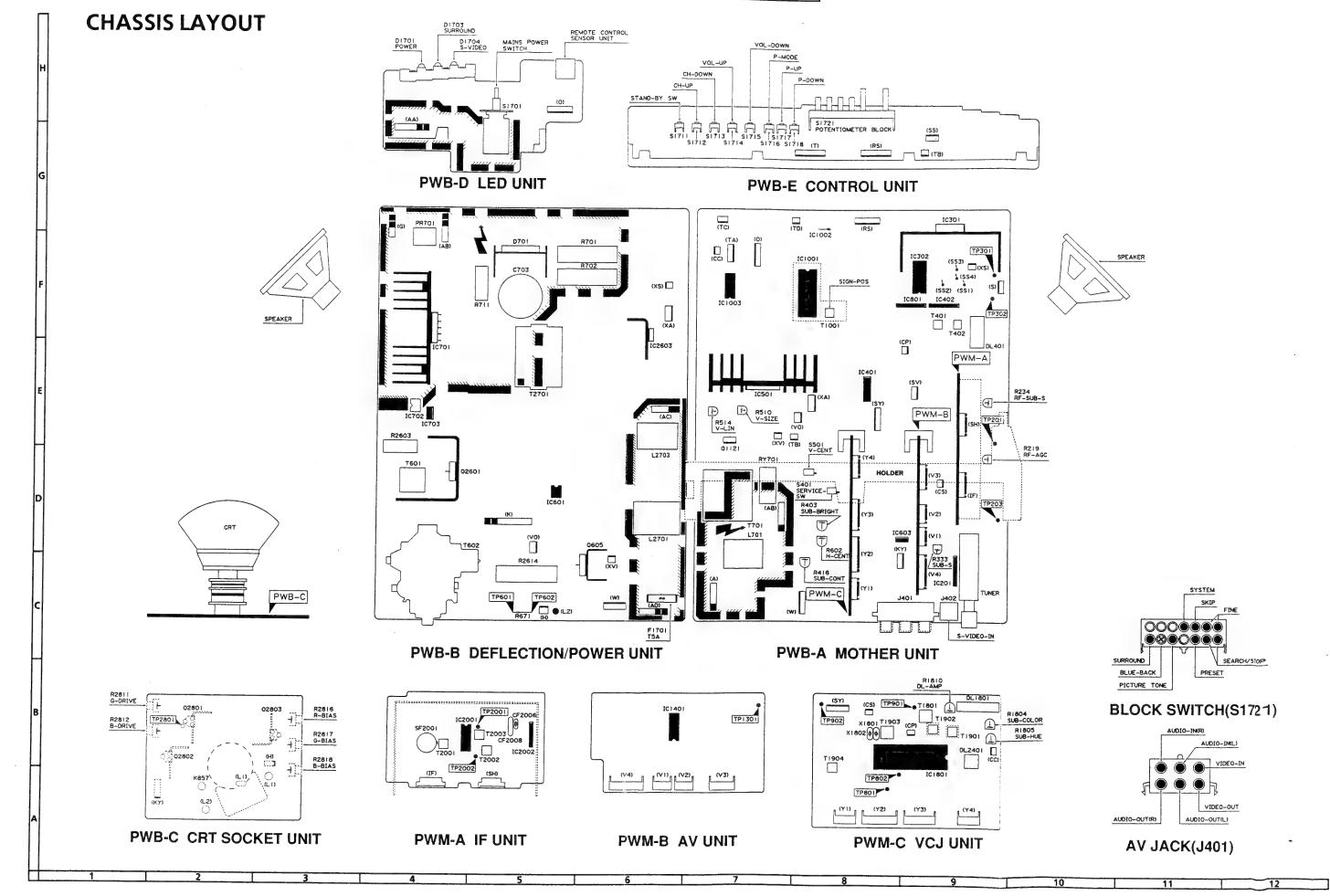






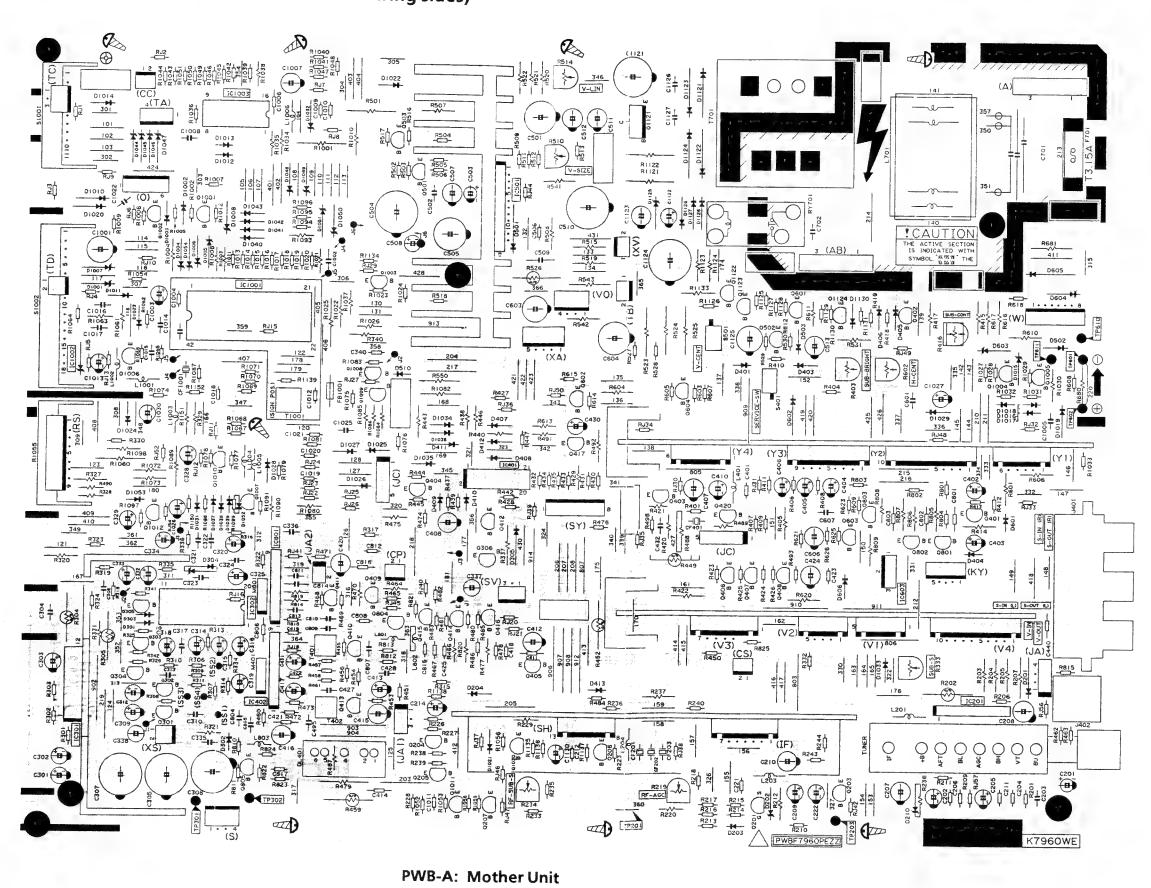


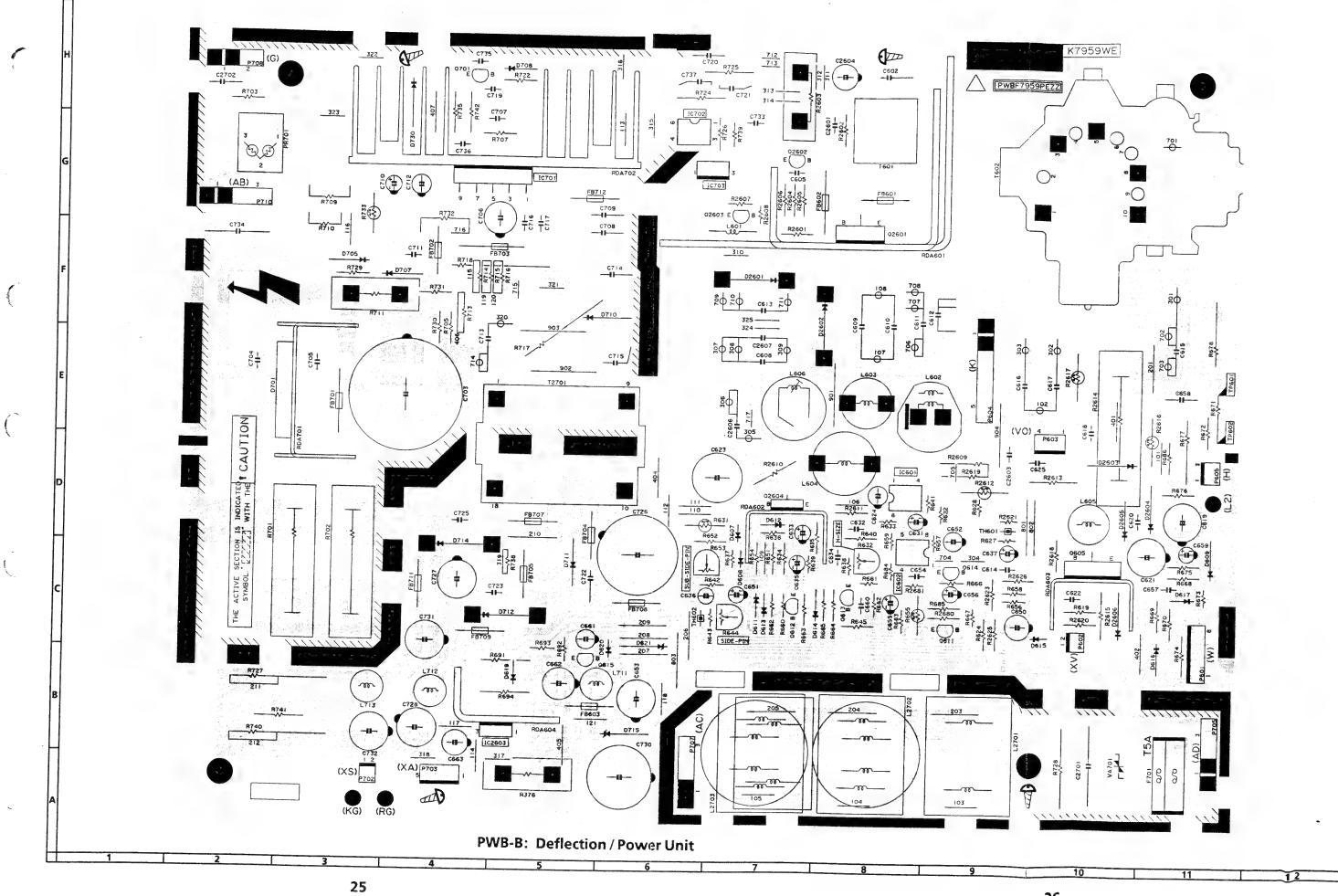
## Memo

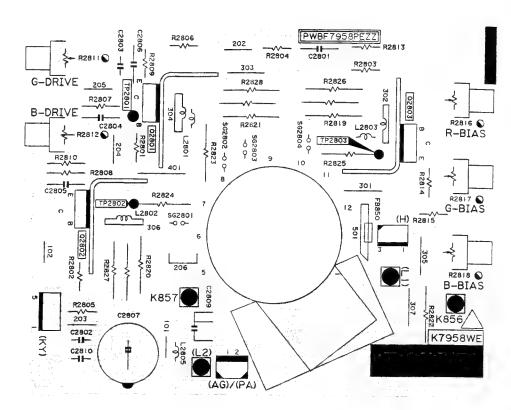


## **PRINTED WIRING BOARD ASSEMBLIES**

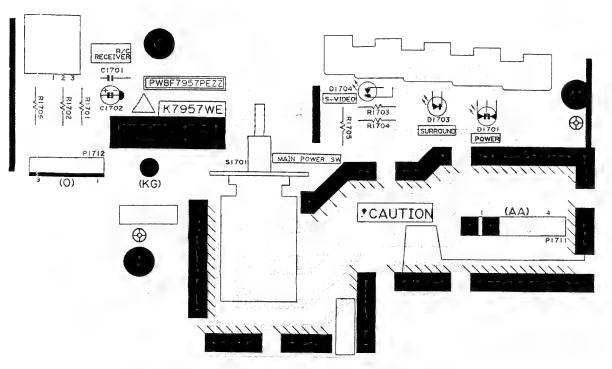
(All the PWBs here are shown as viewed from their wiring sides)



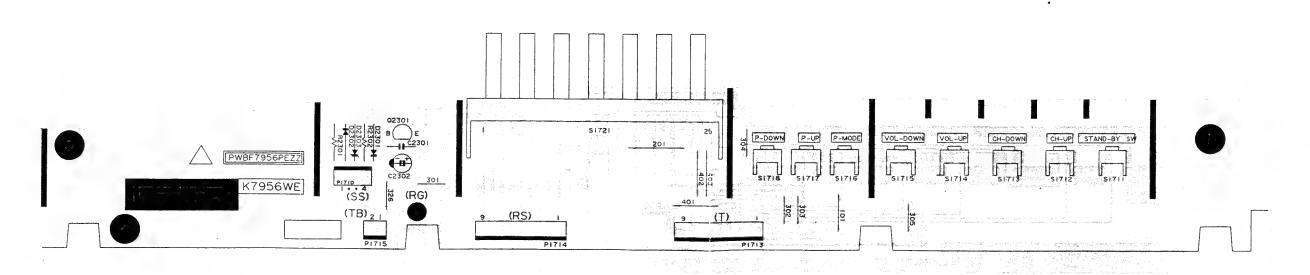




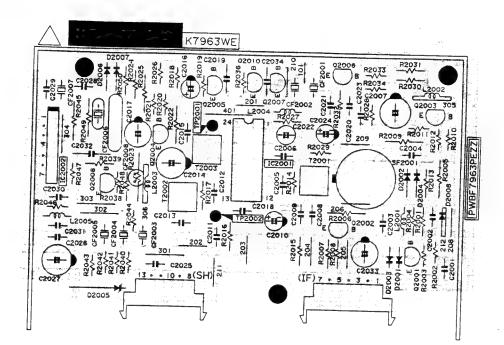
PWB-C: CRT Socket Unit



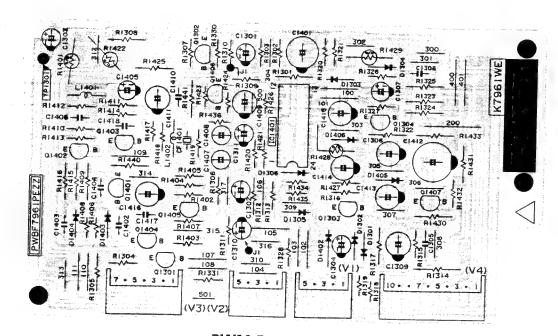
PWB-D: LED Unit



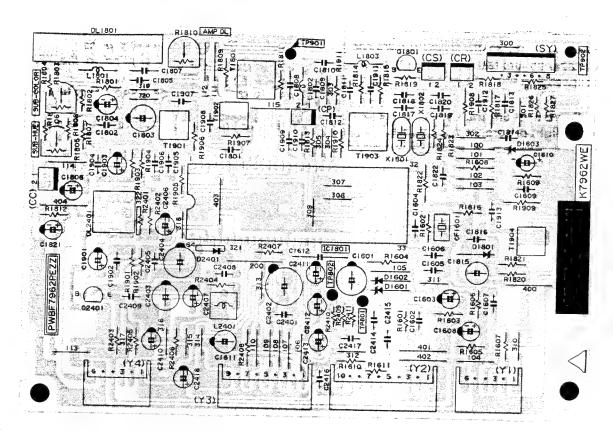
PWB-E: Control Unit



PWM-A: IF Unit



PWM-B: AV Unit



PWM-C: VCJ Unit

## **DESCRIPTION OF SCHEMATIC DIAGRAM**

## **SERVICE PRECAUTION:**

The area enclosed by this line ( \_\_\_\_\_ ) is directly connected with AC Mains Voltage.

When servicing the area, connect an isolating transformer between TV receiver and AC line to eliminate hazard of electric shock.

PARTS MARKED WITH "A" ( ) ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

### **CAUTION:**

This circuit diagram is original one, therefore there may be a slight difference from yours.

### **NOTES:**

## Voltage Measurement Conditions

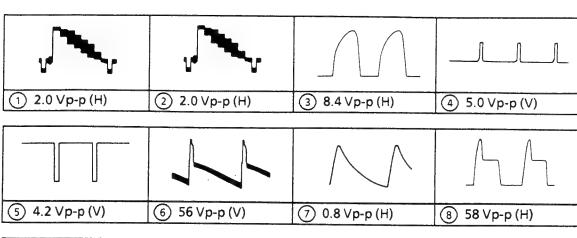
- 1. The voltage without parenthesis represents the value measured with PAL colour signal.
- 2. The voltage in parenthesis represents the value measured with no signal.
- 3. All the voltages were measured by using a high impedance voltmeter.

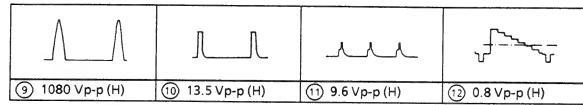
## Waveform Measurement Conditions

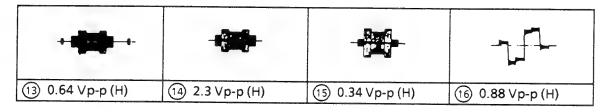
- 1. The colour bar signal applied to the TP201 is 2.0V peak-to-peak.
- 2. The tuner AGC voltage is approximately 4V.

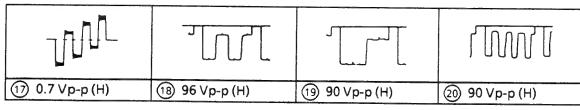
All resistors are 1/8W, unless otherwise noted.

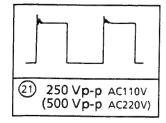
## **WAVE FORMS**

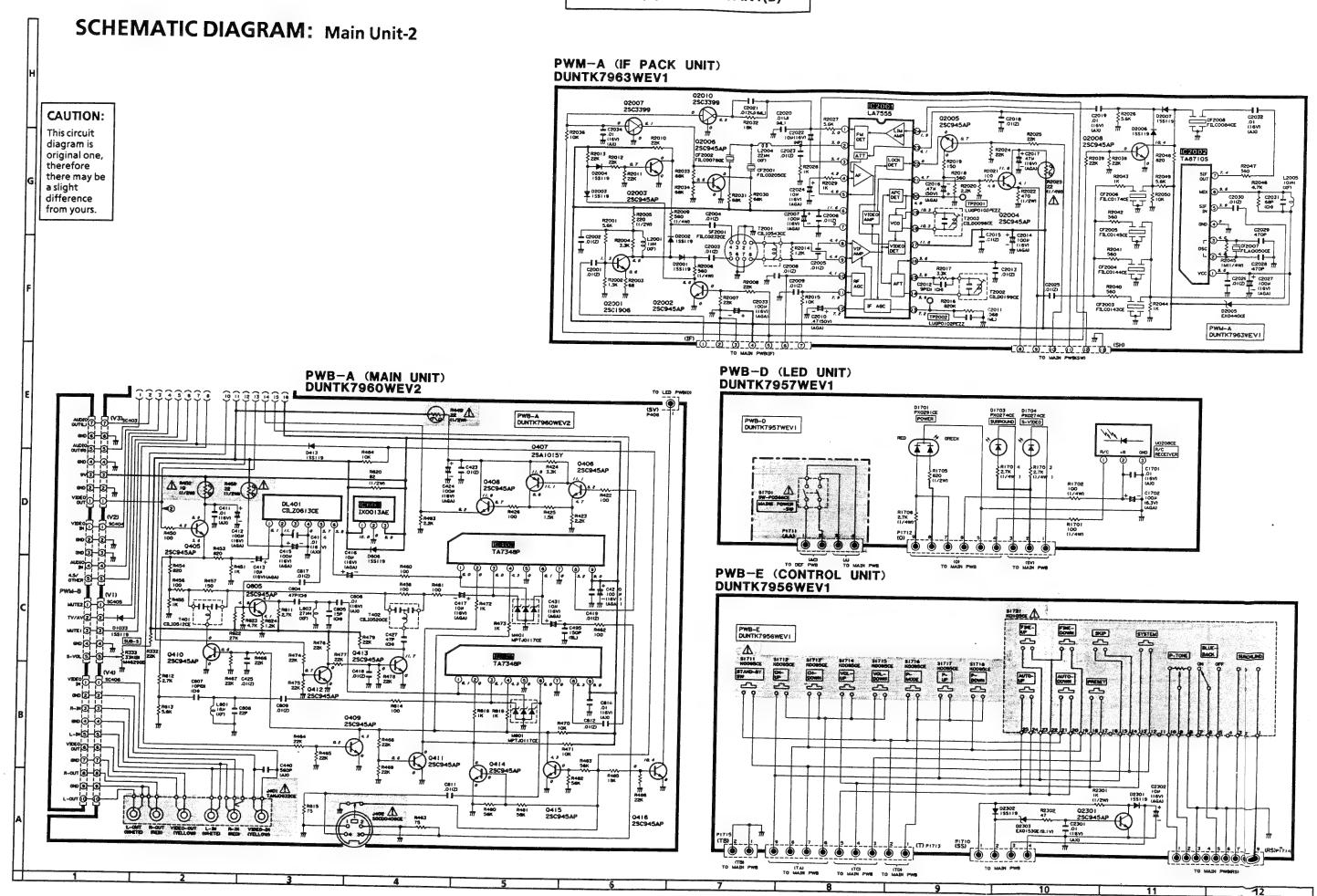






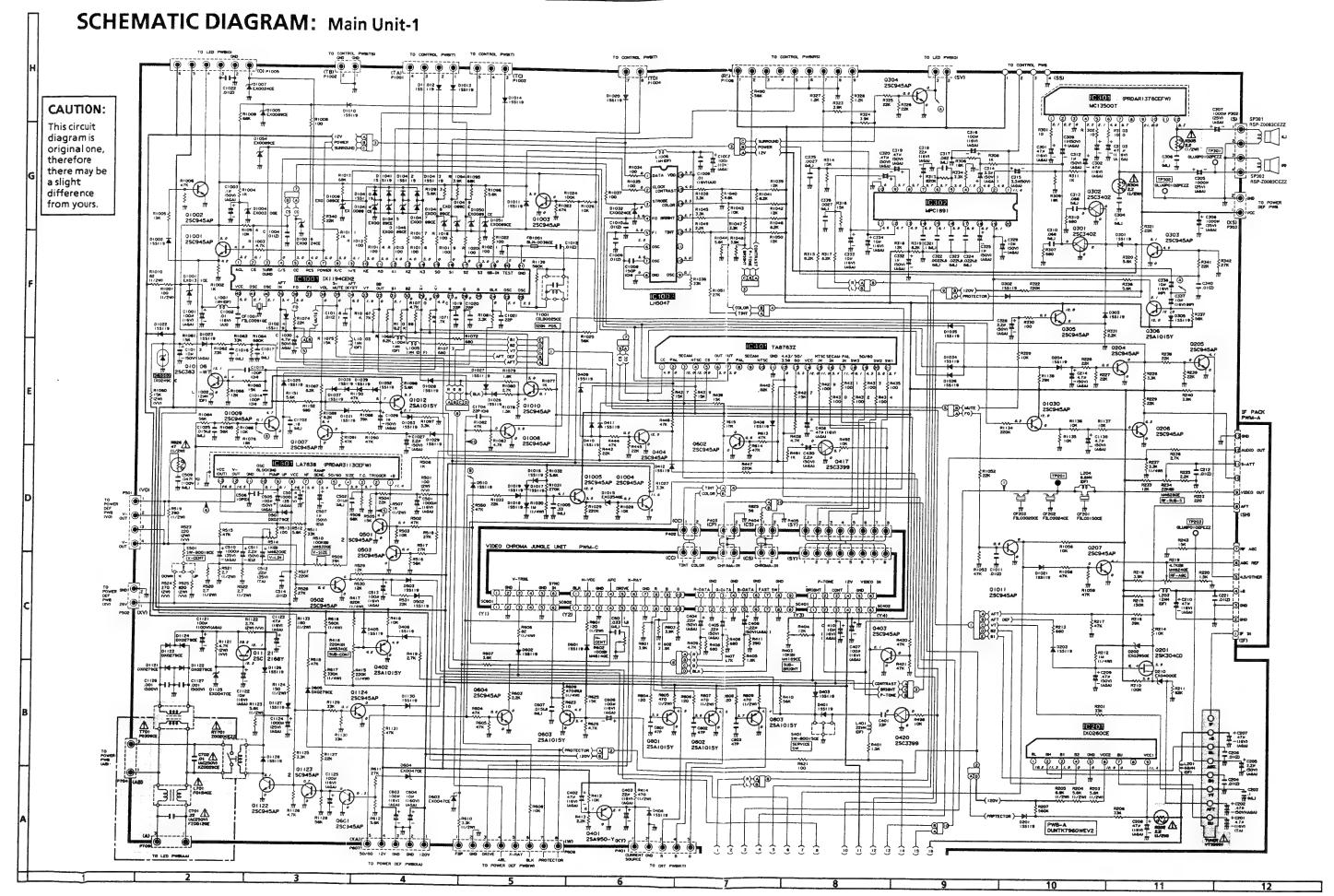


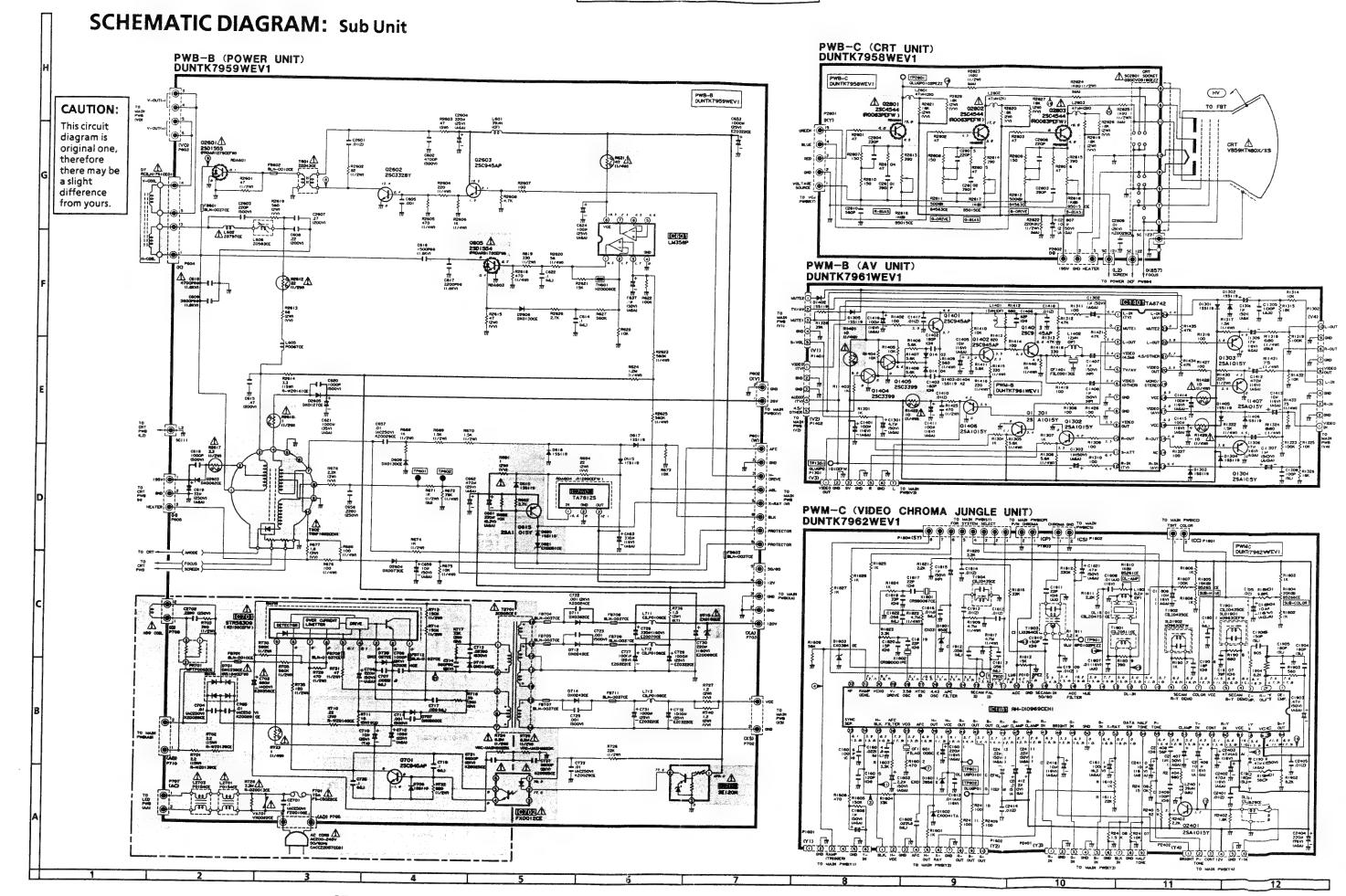




25AN1(B)

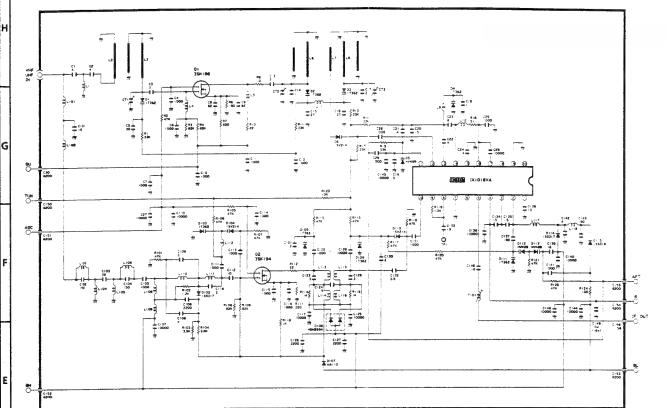
25AN1(B)





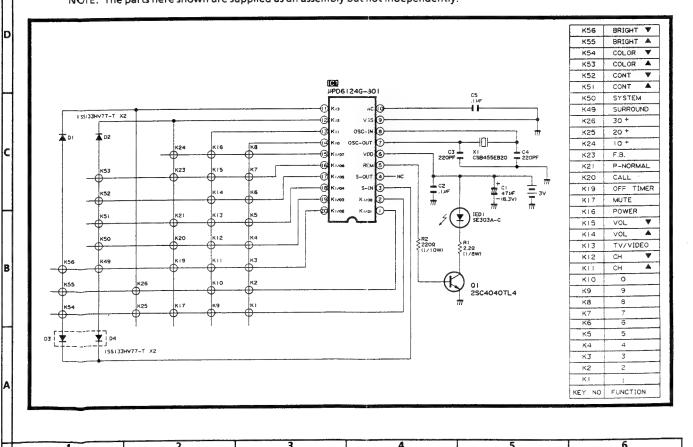
RRMCG0933PESA

## Tuner NOTE: The parts here shown are supplied as an assembly but not independently. \*\*NOTE: The parts here shown are supplied as an assembly but not independently.\*\*

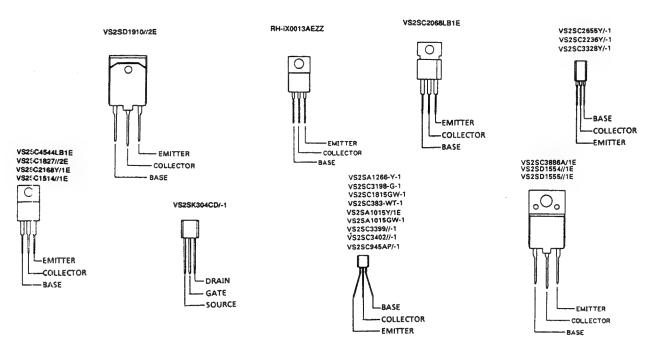


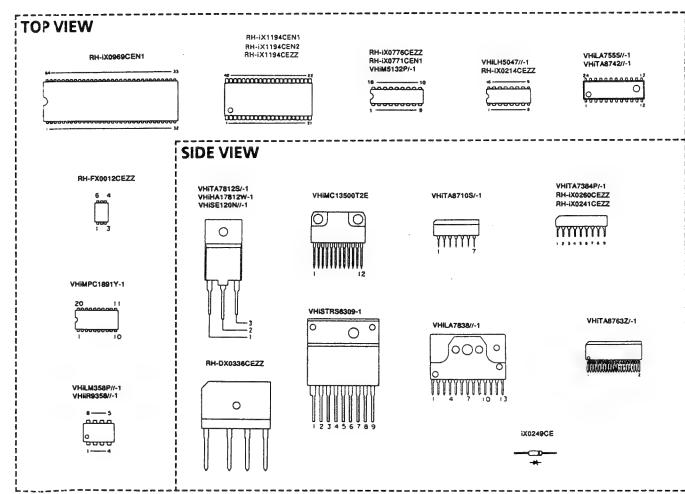
## ■ Infrared Remote Control Unit

NOTE: The parts here shown are supplied as an assembly but not independently.

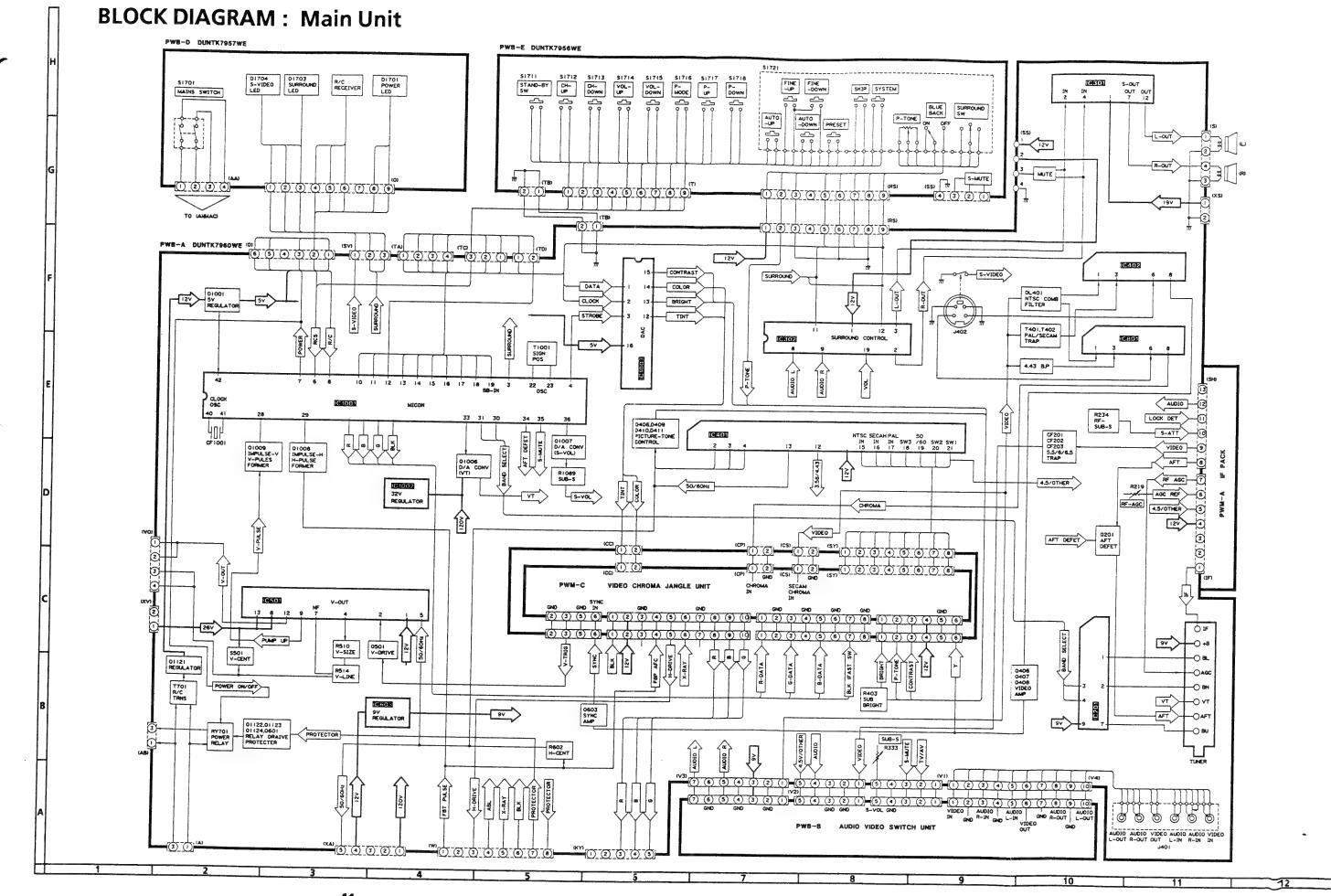


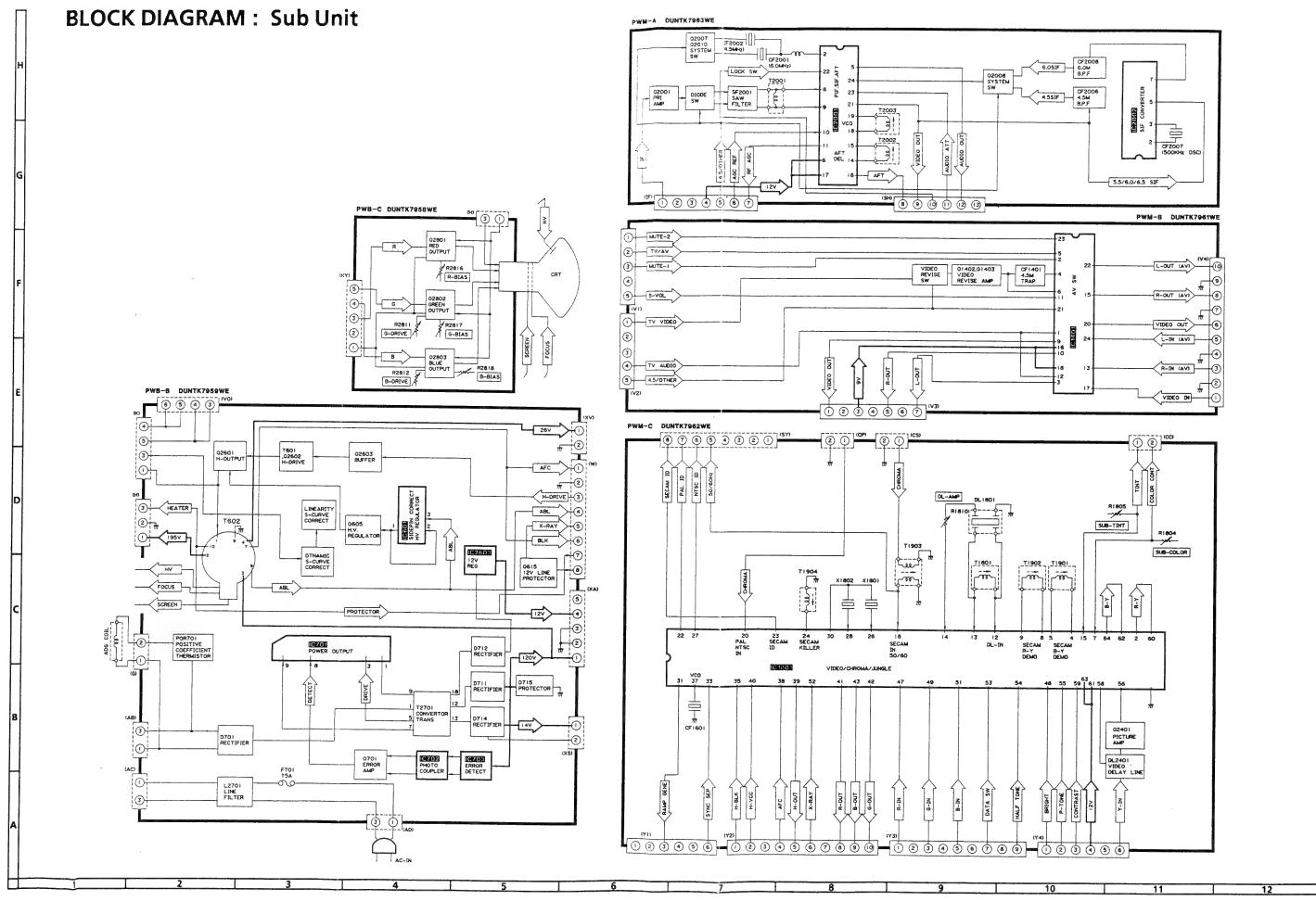
## **SOLID STATEDEVICE BASE DIAGRAMS**





25AN1(B) 25AN1(B)





## **PARTS LIST**

#### PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual: electrical components having such features are identified by "\(\Delta\)" in the Replacement Parts Lists. The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

#### "HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER

2. REF. NO.

3. PART NO.

4. DESCRIPTION

MARK \*: SPARE PARTS-DELIVERY SECTION.

Ref. No.

Part No.

Description

Code

## **PICTURE TUBE**

<b>⚠</b> VB1	VB59KTN80X/*S	j	CRT (25")	CR
<b> ∆</b> DY	RCILH1751CE01	R	Deflection Yoke	BE
$\triangle$	RCILG0375CEZZ	J	Degaussing (ADG) Coil	AY
	LHLDC3011CEZZ	J	ADG Coil Holder,	AC
			× Ausad	

End of PICTURE TUBE

## PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)

PWB-A	DUNTK7960WEV2	-	Mother Unit	_
PW8-8	DUNTK7959WEV1	-	Deflection/Power Unit	_
PWB-C	DUNTK7958WEV1	-	CRT Socket Unit	
PWB-D	DUNTK7957WEV1	_	LED Unit	_
PW8-E	DUNTK7956WEV1	-	Control Unit	
PWM-A	DUNTK7963WEV1	_	IF Unit	-
PWM-B	DUNTK7961WEV1	-	AV Unit	-
PWM-C	DUNTK7962WEV1	-	VCJ Unit	_

- End of PWB ASSEMBLIES -

Ref. No.

Part No.

Description

Code

## PWB-A DUNTK7960WEV2 MOTHER UNIT

#### **TUNER**

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

↑ VTUVTSS6S1/// J Tuner, VHF/UHF

ВВ

#### **INTEGRATED CIRCUITS**

IC201	RH-iX0260CEZZ	J	LA7910	AF
IC301	VHIMC13500T2E	J	MC13500T2	AN
IC302	VHIMPC1891Y-1	J	C1891ACY	AP
IC401	VHITA8763Z/-1	J	TA8763Z	AM
IC402	VHITA7348P/-1	j	TA7348P	AK
IC501	VHILA7838//-1	J	LA7838	AK
IC603	RH-iX0013AEZZ	J	TA78009AP	AK
IC801	VHiTA7348P/-1	J	TA7348P	AK
IC1001	RH-iX1194CEN2	J	LR37906Y	AW
IC1002	RH-iX0249CEZZ	J	HZT33	AE
IC1003	VHILH5047//-1	J	LH5047	AM

#### **TRANSISTORS**

Q201	VS2SK304CD/-1	J	2SK304 (CD)	,	٩C
Q204	VS2SC945AP/-1	J	2SC945AP		ΔВ
Q205	VS2SC945AP/-1	J	2SC945AP		ΑB
Q206	VS2SC945AP/-1	J	2SC945AP	-	λB
Q207	VS2SC945AP/-1	J	2SC945AP		λB
Q301	VS2SC3402//-1	J	2SC3402		AΒ
Q302	VS2SC3402//-1	J	2SC3402	A	AΒ
Q303	V\$2\$C945AP/-1	J	2SC945AP	A	٨B
Q304	VS2SC945AP/-1	J	2SC945AP	4	ΑB
Q305	VS2SC945AP/-1	j	2SC945AP	4	λB
Q306	VS2SA1015Y/1E	J	2SA1015(Y)	1	/C
Q401	V\$2\$A950-Y/1E	j	2SA950 (Y)	A	\D
Q402	V\$2\$A1015Y/1E	J	2SA1015(Y)	A	AC.
Q403	VS2SC945AP/-1	J	2SC945AP	1	λB
Q404	V\$2\$C945AP/-1	J	2SC945AP	A	λB
Q405	VS2SC945AP/-1	J	2SC945AP	A	λB
Q406	V\$2\$C945AP/-1	J	2SC945AP	A	λB
Q407	V\$2\$A1015Y/1E	J	2SA1015(Y)	A	AC.
Q408	VS2SC945AP/-1	J	2\$C945AP	<b>A</b>	В
Q409	V\$2\$C945AP/-1	J	2SC945AP	Δ	В
Q410	V\$2\$C945AP/-1	J	2SC945AP	A	В
Q411	VS2SC945AP/-1	J	2SC945AP	Δ.	В
Q412	V\$2\$C945AP/-1	J	2SC945AP	Δ	В
Q413	V\$2\$C945AP/-1	J	2SC945AP	۵	В
Q414	VS2SC945AP/-1	J	2SC945AP	Δ	В
Q415	VS2SC945AP/-1	J	2SC945AP	Δ	В
Q416	VS2SC945AP/-1	J	2SC945AP	Δ	В
Q417	V\$2\$C3399//-1	J	2SC3399	Ā	В
Q420	V\$2\$C3399//-1	J	2\$C3399	Д	В

					Ref. No.	Part No.		* D	escription	Code
PWE	B-A D	UNTK7	960WEV2		_	DIODES	(Co	ntinue	<del>1</del> )	
	М	OTHER	UNIT (Continu	ed)	D412	VHD1SS119//1	Ε.	J 155119		AA
					D413	VHD1\$\$119//1	Ε.	155119	)	AA
	TRA	NSISTORS	(Continued)		D501	RH-DX0279CEZ	Ζ.	J		AB
Q501	VS2SC9	45AP/-1	J 2SC945AP	AB	D502	VHD1SS119//1	Ę J	155119		AA
Q502	VS25C9	45AP/-1	J 2SC945AP	AB	D503	VHD1SS119//1	E J	155119		AA
Q503	VS2SC9	45AP/-1	J 2SC945AP	A8	D510	VHD1SS119//1	E J	I 1SS119		AA
Q601	VS2SC9	45AP/-1	J 2SC945AP	AB	D601	VHD1\$\$119//1				AA
Q602	VS2SC9	45AP/-1	J 2SC945AP	AB	D602	VHD1SS119//1	E J	155119		AA
Q603	VS2SA1	15Y/1E	J 2SA1015(Y)	AC	D603	RH-EX0047CEZ				AB
Q604	VS2SC9	45AP/-1	J 2SC945AP	AB	D604	RH-EX0047CEZ				AB
Q801	VS2SA1	15Y/1E	J 2SA1015(Y)	AC	D605	RH-DX0279CEZ				AB
Q802	VS2SA1	15Y/1E	J 2SA1015(Y)	AC	D606	VHD1SS119//1	_			AA
Q803	VS2SA1	15Y/1E	J 2SA1015(Y)	AC	D1001	RH-EX0131CEZ				AB
Q805	VS2SC94	15AP/-1	J 2SC945AP	AB		VHD1SS119//1			.,,,,,	AA
Q1001	VS2SC94	\$5AP/-1	J 2SC945AP	AB		RH-EX0030GEZ			inde	AB
Q1002	VS2SC94	15AP/-1	J 2SC945AP	AB		RH-EX0089CEZ				AB
Q1003	VS2SC94	5AP/-1	J 2SC945AP	AB		RH-EX0024CEZ				AB
Q1004	VS2SC94	15AP/-1 .	J 2SC945AP	АВ		RH-EX0024CEZ				
			J 2SC945AP	АВ		RH-EX0089CEZ				AB
•			2SC383 (WT)	AE		VHD155119//1			riode	AB
			2SC945AP	AB		VHD1\$\$119//1				AA
-			2SC945AP	AB						AA
			2SC945AP	AB		VHD1SS119//1				AA
			2SC945AP			VHD1\$\$119//1				AA
			23C945AP	AB		VHD1SS119//1				AA
			23C945AP 2SA1015(Y)	AB		RH-EX0354GEZ			iode	AA
			25C945AP	AC		VHD1S\$119//1				AA
				AB		VHD1SS119//1				AA
			2SC2168 (Y)	AG		VHD1\$\$119//1				AA
			2SC945AP	АВ		VHD1\$\$119//1				AA
			2SC945AP	AB		VHD1S\$119//1				AA
Q1124	V S Z S C 9 4	5AP/-1 J	2SC945AP	AB		VHD1SS119//1				AA
						VHD1SS119//1				AA
						VHD1SS119//1				AA
					D1024	VHD1SS119//1	IJ	1\$\$119		AA
						VHD1SS119//1				AA
		DIOD			D1026	VHD1SS119//1	J	155119		AA
D201		119//1E J		AA	D1027	VHD1SS119//18		155119		AA
	RH-EX03	95GEZZ J	Zener Diode	AA	D1028	VHD1\$\$119//18	J	155119		A
D203	VHD1SS	19//1E J	155119	AA	D1029	VHD155119//16		155119		AA
	VHD1SS1	19//1E J	155119	AA		VHD1SS119//18				AA
D210	RH-EX04	OOCEZZ J	Zener Diode	AC		RH-EX0024CEZZ			ode	AB
D301	V H D 1 \$ \$ 1	19//1E J	1\$\$119	AA		VHD1SS119//18				AA
D302	VHD1SS1	19//1E J	155119	AA		VHD1SS119//1E				AA
D303	V H D 1 \$ \$ 1	19//1E J	1SS11 <b>9</b>	AA		VHD1SS119//18				AA
<b>D305</b>	VHD1SS1	19//1E J	188119	AA		VHD1\$\$119//1E				AA
0401	VHD1SS1	19//1E J	155119	AA		VHD1SS119//1E				AA
		19//1E J		AA		VHD1SS119//1E				
		19//1E J		AA		VHD1SS119//1E				AA
		19//1E J		AA		VHD155119//1E				AA.
		19//1E J		AA		VHD1SS119//1E				AA
		19//1E J		AA						AA
		19//1E J		AA		VHD1\$\$119//1E				AA
				AA		VHD1SS119//1E RH-EX0089CEZZ			i	AA
2410	VHD1881					LV11000///77				A3

Ref. No.	Part No.	1	<b>Description</b>	Code	Ref. No.	Part No.		*	Desc	ription	Code
PWE	B-A DUNTH	(79	960WEV2		C	OILS AND TRANS	FO	RMER	S (Co	ntinued)	
			JNIT (Continued	)	T402	RCiLi0520CE2	ZZ	J Coil	3.58	MHz Trap	ΑE
					<b>⚠</b> T701	RTRNP0309CEZ	Z	J R/C	Back-L	lp Trans.	AS
	DIODES	(Co	ntinued)		T1001	RCiLB0025CE	Z	R Coil	O.S.D	. Oscillatior	AD
D1046	RH-EX0089CEZ	Z J	Zener Diode	AB							
D1047	RH-EX0089CEZ	Z J	Zener Diode	AB							
D1048	RH-EX0089CEZ	Z J	Zener Diode	AB							
D1049	RH-EX0089CEZ	Z J	Zener Diode	AB		COI	NTR	OLS			
D1050	RH-EX0089CEZ			AB	R219	RVR-M4624GE2					AB
D1051	RH-EX0089CEZ			AB	R234	RVR-M4628GE2	.Z	J 22k(	B) RF	-Sub-Sound	AB
D1052	VHD1SS119//1			AA	R333	RVR-M4629GEZ			•		AB
D1053	VHD1\$\$119//1			AA	R403	RVR-M4189CEZ				-	AC
D1054	RH-EX0089CEZ			AB	R416	RVR-M4634GEZ	:Z .	220	(B)Su	b-Contrast	AC
D1121	RH-DX0279CEZ			AB	R510	RVR-M4632GEZ	Z .	100	(B)Ve	rtical Size	AB
D1122	RH-DX0279CEZ			AB	R514	RVR-M4620GEZ	Ζ.	l 1k(B	) Ve	rtical Line.	AB
D1123	RH-DX0279CEZ			AB	R602	RVR-M4614GEZ	Ζ.	100(	в) но	rizCenter	AB
D1124	RH-DX0279CEZ	_		AB							
D1125	RH-EX0047CEZ			AB							
	VHD1SS119//1			AA							
	VHD1SS119//1			AA				TORS			
D1128	VHD1\$\$119//1			AA	C201	VCSATA1CE475	K J	4.7	1.6V	Tantalum	AC
D1130	VHD1SS119//1	E J	1\$\$11 <del>9</del>	AA	C202	VCEAGA1HW474	М.	0.47	50V	Electrolytic	AA
					C203	VCFYHA1HA104	J	0.1	50V	M. Polyeste	r AB
					C204	VCKYPA1HF103			50V	Ceramic	AA
	DACKAC		CIDALUTC		C205	VCEAGA1HW225			50V	Electrolytic	AB
	PACKAGI				C206	VCKYPA1HF103			50V	Ceramic	AA
M401	RMPTJ0117CEZ		•	AD	C207	VCEAGA1CW476			16V		
M801	RMPTJ0117CEZ	ZJ	Diode Array	AD	C208	VCEAGA1CW476			16V	Electrolytic	
					C209	VCEAGA1HW474			50V	Electrolytic	
					C210	VCEAGA1CW476	N J	47	16V	Electrolytic	AB
	60H 6 AND T				C212	VCKYPA1HF103	Z J	0.01	50V		AA
	COILS AND T				C214	VCEAGA1HW475	N J	4.7	50V	Electrolytic	AB
CF201	RFILC0150CEZ	ZJ		AF	C221	VCKYPA1HF103	ΖJ	0.01	50V	Ceram ic	AA
			5.5 MHz/6.0 MHz Tra	р	C301	VCEAGA1CW476N	Λj	47	16V	Electrolytic	
CF202	RFILC0024CEZ	Z J	- •	AE	C302	VCEAGA1CW476N	l l	47	16V	Electrolytic	AB
			6.5 MHz Trap		C303	VCEAGA1CW476N	l N	47	16V	Electrolytic	AB
CF203	RFILC0020CEZ	ZJ		AE	C304	VCFYHA1HA104	1 1	0.1	50V	M. Pol yester	AB
			5.5 MHz Trap		C305	VCEAGA1EW108N				Electrolytic	
CF1001	RFILC0091GEZ	Z J		AD	C306	VCFYHA1HA104	1 1	0.1		M. Polyester	
D1 404	05:170640657		4 MHz Osc.		C307	VCEAGA1EW108N				Electrolytic	
DL401	RFILZO613CEZ		· · · · · · · · · · · · · · · · · · ·	AT	C308	VCEAGA1VW108N			35V	Electrolytic	
L201	VP-DF680K0000			AB	C309	VCEAGA1HW105			50V	Electrolytic	
L203	VP-DF120K0000			AB	C310	VCFYHA1HA683			50V	M. Polyester	
L204	VP-DF6R8K000		•	AB	C312	VCEAGA1HW105N			50V	Electrolytic	
L401	VP-DF220K0000			AB	C313	VCFYHA1HA683.				M. Polyester	
\L701	RCILF0154CEZ			AQ	C314	VCEAGA1HW335N	Λj	3.3	50V	Electrolytic	
L801	VP-XF180K0000			AB	C315	VCEAGA1HW335N			50V	Electrolytic	
L803	VP-XF270K0000		•	AB	C316	VCEAGA1CW107N				Electro lytic	
	VP-DF1R0K0000		-	AB	C317	VCFYHA1HA823.				M. Polyester	
	VP-DF120K0000		•	AB	C318	VCEAGA1CW226N				Electro lytic	
	VP-DF1R0K0000		•	AB	C319	VCEAGA1HW474N				Electro lytic	
	VP-DF1R0K0000		•	AB	C320	VCEAGA1HW474N				Electro lytic	
	VP-DF1R0K0000		•	AB	C321	VCFYHA1HA104				M. Polyester	`AB
L1006	VP-DF1R0K0000		Coil, 1µH Coil, 4.43 MHz Trap	AB	C322	VCQYTA1HM222J				Mylar	AA
T401				AE	C323	VCQYTA1HM223J					

Ref. No	Part No.		*	Descr	iption	Code	e Ref. N	o. Pari	No.	7	ł	Desc	ription	Code
PW	B-A DUN	TK7	960	WEV	/2			CAI	PACITOR	S (	Cont	inued	)	
	MOTI	HER	UNIT	(Con	itinued)		C601	VCQYTA	1HM333J	J	0.03	3 50V	Mylar	AA
							C603	VCEAGA	1CW107M	J	100	16V	Electrolytic	AB
6224	CAPACIT		-				C604		2CW106M			160	V Electrolytic	AC
C324	VCQYTA1HM2				•	AA			1CW107M				Electrolytic	AB
C325	VCEAGA1HW1			50V	Electrolytic				1HM153J					AA
C328	VCEAGA1HW2			50V	Electrolytic								DV M. Polyest	erAE
C329 C332	VCEAGA1HW1			50V	Electrolytic								V Ceramic	AC
C333	VCEAGA1HW1			50V	Electrolytic				1HL470J				Ceramic	AA
C334	VCEAGA1CW1			16V	Electrolytic				1HL470J				Ceramic	AA
C335	VCQYTA1HM2			16V 0p50V	Electrolytic				1HL470J		4.		Ceramic	AA
C336	VCQYTA1HM2			0ρ30V 0ρ50V	Mylar Mylar	AA AA		VCCCPA					Ceramic	AA
C337	VCE9GA1CW1			16V	Elect. (N.P)	AB	C805 C806		1HH150J			50V	Ceramic	AA
C338	VCE9GA1CW1			16V	Elect. (N.P)		C807		1CY103N				Ceramic	AA
C340	VCKYPA1HF1				Ceramic	AA	C808		1HH100D			50V	Ceramic	AA
C401	VCCSPA1HL3				Ceramic	AA	C809		1 H L 2 2 0 J		•	50V	Ceramic	AA
C402	VCEAGA1CW47			16V	Electrolytic		C811		1HF103Z			50V	Ceramic	AA
C403	VCEAGA1CW22			16V	Electrolytic		C812		1HF103Z 1HF103Z				Ceramic	AA
C404	VCEAGA1HW2				Electrolytic		C816		1671032				Ceramic	AA
C405	VCEAGA1HW2				Electrolytic		C817		1HF103Z			16V	Ceramic	AA
C406	VCEAGA1HW2				Electrolytic		C100		CW107M			50V 16V	Ceramic	AA
C407	VCEAGA1CW10	7M J	100		Electrolytic		C100					16V	Electrolytic Ceramic	AB
C408	VCEAGA1CW47	6M J	47		Electrolytic		C1003		HW104M				Electrolytic	AA
C410	VCEAGA1CW10	6M J	10		Electrolytic		C1004					50V	Ceramic	AA AA
C411	VCKYD41CY1	3N J	0.01	16V	Ceramic	AA	C1005					50V	M. Polyester	
C412	VCEAGA1CW10	7M J	100	16V	Electrolytic	AB	C1006	VCKYD41					Ceramic	AA
C413	VCEAGA1CW10	6M J	10	16V	Electrolytic	AA	C1007						Electrolytic	AB
C414	VCKYD41CY10	J3N J	0.01	16V	Ceramic	AA	C1008						Ceramic	AA
C415	VCEAGA1CW10	7M J	100	16V	Electrolytic	AB	C1009						Ceramic	AA
C416	VCEAGA1CW10			16V	Electrolytic	AA	C1010	VCKYPA	HF103Z	J	0.01	50V	Ceramic	AA
C417	VCEAGA1CW10			16V	Electrolytic	AA	C1011	VCKYPA	HF103Z	J	0.01	50V	Çeramic	AA
C418	VCKYPA1HF1			50V	Ceramic	AA	C1012	VCKYPA	HF103Z	J	0.01	50V	Ceramic	AA
C419	VCKYPA1HF1				Ceramic	AA	C1013	VCEAGA1	HW106M	J	10	50V	Electrolytic	AC
C420	VCEAGA1CW10				Electrolytic	AB	C1014	VCCCPA1	HH101J	j	100p	50V	Ceramic	AA
C423	VCKYPA1HF1				Ceramic	AA	C1015					50V	Ceramic	AA
C424	VCEAGA1CW10				Electrolytic	AB		VCFYHA1				50V	M. Polyester	AB
C425	VCKYPA1HF1				Ceramic	AA		VCFYHA1				50V	M. Polyester	AB
C427 C430	VCCCPA1HH4				Ceramic	AA		VCKYPA1			0.01		Ceramic	AA
C430	VCEAGA16W22				Electrolytic			VCCSPA1			22p		Ceramic	AA
C440	VCEAGA1CW10 VCKYD41HB56				Electrolytic			VCCSPA1				50V	Ceramic	AA
C495	VCCSPA1HL15					AA		VCCSPA1						AA
C501	VCEAGA1CW10					AA AD	C1022	VCKYPA1						AA
C502	VCQYTA1HM10				-	AA	C1025	VCQYTA1					•	AA
C504	VCEAGA1VW10				Electrolytic		C1026	VCEAGA11					•	AC
C505	VCEAGA1HW10				ectrolytic		C1027	VCEAGA11					•	AB
C506	VCCCPA1HH10				Ceramic	AA	C1030	VCEAGA11					•	AB
	VCEACA1HC105				lectrolytic		C1121	VCEAGA10					•	AD
C509	VCQYSG2AA47					AC	C1122	VCEAGA10					•	AA
C510	VCEAGA1VW108					AD	C1123	VCEAGA1C						AB
C511	VCEACA1HC225					AC		VCEAGA16					•	AD AD
C512	VCSATA1VE22				-	AC		VCEAGA1C						AB
C513	VCEAGA1CW107					AB		VCKYPAZI						<b>Δ</b> Α
C514	VCKYPA1HF10					AA	C1127	VCEAGA1H						<b>λ</b> Α Λ Β
									11 -1 J   H   J	•	7.6	20 4 E	lectrolytic /	AΒ

Ref. No.		Part No.	*	Description	Code	Ref. No	Part No.		*	Description	Code
PWE	B-A	DUNTK	-				RESISTOR				****
		MOTHER	R UNI	T (Continue	d)	R315	VRD-RA2BE822				AA
		CAPACITOR	S /Ca.	-A:		R316	VRD-RA2BE153	} ]	J 15	5k 1/8W Carbon	AA
C1703			_	•		R317	VRD-RA2BE822				AA
C1703		PA1HH220		.18 50V M. Polye		R318	VRD-RA2BE123				AA
C1704	V C C C	rAInn220	J J Z	2p 50V Ceramic	AA	R319	VRD-RA2BE822				AA
						R320	VRD-RA2BE562				AA
						R321	VRD-RA2BE223			k 1/8W Carbon	AA
		RESI	STORS	:		R322	VRD-RA2BE224				AA
R201	VRD-			3k 1/8W Carbon	AA	R323 R324	VRD-RA28E392				AA
<b>⚠</b> R202		RL2HB2R2		2 1/2W Fuse Resis		R324	VRD-RA2BE392				AA
R203		RM2HD562J		6k 1/2W Carbon	AA	R326	VRD-RA2BE223				AA
R204		RM2HD562J		6k 1/2W Carbon	AA	R327	VRD-RA2BE223				AA
R205		RM2HD682J		8k 1/2W Carbon	AA	R327	VRD-RA2BE122				AA
R206		RA2BE333J		k 1/8W Carbon	AA	R329	VRD-RA2BE122				AA
R207		RA2BE564J		60k1/8W Carbon	AA	R330	VRD-RA2BE103 VRD-RA2BE101				AA
R210		RA2BE104J		0k1/8W Carbon	AA	R331	VRD-RA2BE101				AA
R211	VRD-	RA2BE823J		k 1/8W Carbon	AA	R332	VRD-RA2BE222				AA
R212				1/4W Carbon	AA	R333	See Controls	J	3 22	K 1/6VV Carbon	AA
R213		<b>RA2BE681</b> J		0 1/8W Carbon	AA	R334	VRD-RA2BE332	1	1 22	k 1/0\A/ Carban	
R214	VRD-	RA2BE103J		k 1/8W Carbon	AA	R336	VRD-RA2BE562				AA
R215	VRD-	RA2BE154J	J 15	0k1/8W Carbon	AA	R337	VRD-RA2BE563			k 1/8W Carbon	AA AA
R216	VRD-	RA28E393J	J 39	k 1/8W Carbon	AA	R340	VRD-RA2BE223			< 1/8W Carbon	AA
R217	VRD-	RA2BE473J	J 47	k: 1/8W Carbon	AA	R341	VRD-RA2BE223				AA
R218	VRD-	RA2BE392J	J 3.9	k 1/8W Carbon	AA	R342	VRD-RA2BE273.				AA
R219	Se	e Controls				R401	VRD-RA2BE152				AA
R220	VRD-	RA2BE152J	J 1.5	k 1/8W Carbon	AA	R403	See Controls	•	1.3	k 17044 Calboll	~~
R223	VRD-	RA2BE221J	J 220	0 1/8W Carbon	AA	R404	VRDRAN2BE123J	1	12k	1/8W Carbon	AA
R226	VRD-F	RA28E223J	J 221	k 1/8W Carbon	AA	R405	VRD-RA2BE182J				AA
R227	VRD-F	RA2BE223J	J 221	k 1/8W Carbon	AA	R406	VRD-RAZBE681J				AA
				k 1/8W Carbon	AA	R407	VRD-RA2BE472J				AA
				1/8W Carbon	AA	R408	VRD-RA2BE681J			1/8W Carbon	AA
			J 121	1/8W Carbon	AA	R409	VRD-RA2BE472J	J			AA
R234		Controls				R410	VRD-RA2BE563J				AA
				k 1/8W Carbon	AA	R411	VRD-RA2BE391J	J	390	1/8W Carbon	AA
				k 1/8W Carbon	AA	R412	VRD-RA2BE103J				AA
				k 1/4W Carbon	AA	R413	VRD-RA2BE222J	J	2.2k	1/8W Carbon	AA
				1/8W Carbon	AA	R414	VRD-RM2HD471J	J	470	1/2W Carbon	AA
				1/8W Carbon	AA	R415	VRD-RAZEE224J	J	220	k 1/4W Carbon	AA
				k 1/8W Carbon	AA	R416	See Controls				
				1/8W Carbon	AA	R417	VRD-RA2EE824J				AA
				1/8W Carbon	AA	R418	VRD-RA2BE103J				AA
				1/8W Carbon	AA	R419	VRD-RA2BE272J				AA
				1/8W Carbon	AA	R420	VRD-RA2BE4731				AA
				1/2W Fuse Resisto		R421	VRD-RA2BE473J				AA
				1/2W Fuse Resisto		R422	VRD-RA2BE101J				AA
				1/8W Carbon 1/8W Carbon	AA	R423	VRD-RA2BE222J				AA
				1/8W Carbon 1/8W Carbon	AA	R424	VRD-RA2BE332J				AA
				1/8W Carbon	AA	R425	VRD-RA2BE152J				AA
				1/8W Carbon	AA	R426	VRD-RA2BE101J				AA
				1/8W Carbon	AA		VRD-RA28E153J				<b>A</b> A
				1/8W Carbon	AA		VRD-RA2BE472J				AA
				1/8W Carbon	AA		VRD-RA2BE101J				AA
			- 13K	TOW Carbon	AA	R430	VRD-RA2BE101J	j	100	1/8W Carbon	AA

RESISTORS (Continued)  RA31  VRD-RA28E101J J 100 1/8W Carbon AA RA32  VRD-RA28E101J J 100 1/8W Carbon AA RA33  VRD-RA28E101J J 100 1/8W Carbon AA RA34  VRD-RA28E101J J 100 1/8W Carbon AA RA38  VRD-RA28E101J J 100 1/8W Carbon AA RA39  RA39  VRD-RA28E101J J 100 1/8W Carbon AA RA39  RA39  VRD-RA28E101J J 100 1/8W Carbon AA RA39  RA44  VRD-RA28E223J J 22k 1/8W Carbon AA RA39  RA44  VRD-RA28E223J J 22k 1/8W Carbon AA RA39  RA45  VRD-RA28E223J J 22k 1/8W Carbon AA RA39  RA46  VRD-RA28E223J J 22k 1/8W Carbon AA RA39  RA46  VRD-RA28E223J J 22k 1/8W Carbon AA RA39  RA46  VRD-RA28E101J J 100 1/8W Carbon AA RA39  RA46  VRD-RA28E223J J 22k 1/8W Carbon AA RA39  RA46  VRD-RA28E223J J 22k 1/8W Carbon AA RA39  RA45  VRD-RA28E223J J 22k 1/8W Carbon AA RA39  RA46  VRD-RA28E223J J 22k 1/8W Carbon AA RA39  RA46  VRD-RA28E223J J 22k 1/8W Carbon AA RA39  RA46  VRD-RA28E101J J 100 1/8W Carbon AA RA39  RA46  VRD-RA28E101J J 10 1/8W Carbon AA RA39  RA47  VRD-RA28E101J J 10 1/8W Carbon AA RA39  RA48  VRD-RA28E101J J 10 1/8W Carbon AA RA39  RA48  VRD-RA28E101J J 10 1/8W Carbon AA RA39  RA49  VRD-RA28E101J J 10 1/8W Carbon AA RA39  RA49  VRD-RA28E101J J 100 1/8W Carbon AA RA39  RA49  VRD-RA28E101J J 100 1/8W Carbon AA RA39  RA49  VRD-RA28E23J J 22k 1/8W Carbon AA RA39  R	Ref. No.	•	Part No.	*	Description	Code	Ref. No.	Part No.	1	ŀ	Description	Code
RESISTORS (Continued)  R311	PW	B-A										
R431 VRD-RAZBE1031 J 100 18W Carbon AA R492 VRD-RAZBE1031 J 10k 18W Carbon AA R492 VRD-RAZBE1031 J 10k 18W Carbon AA R493 VRD-RAZBE1031 J 10k 18W Carbon AA R493 VRD-RAZBE1031 J 10k 18W Carbon AA R494 VRD-RAZBE1031 J 10k 18W Carbon AA R495 VRD-RAZBE1031 J 10k 18W Carbon AA R496 VRD-RAZBE1031 J 10k 18W Carbon AA R501 VRD-RAZBE1031 J 10k 18W Carbon AA R502 VRD-RAZBE1031 J 10k 18W Carbon AA R502 VRD-RAZBE1031 J 10k 18W Carbon AA R503 VRD-RAZBE1031 J 10k 18W Carbon AA R503 VRD-RAZBE1031 J 10k 18W Carbon AA R504 VRD-RAZBE1031 J 10k 18W Carbon AA R504 VRD-RAZBE1031 J 10k 18W Carbon AA R505 VRD-RAZBE1031 J 10k 18W Carbon AA R505 VRD-RAZBE1031 J 10k 18W Carbon AA R506 VRD-RAZBE1031 J 10k 18W Carbon AA R506 VRD-RAZBE1331 J 18k 18W Carbon AA R506 VRD-RAZBE1331 J 18k 18W Carbon AA R506 VRD-RAZBE1331 J 18k 18W Carbon AA R507 VRD-RAZBE1331 J 18k 18W Carbon AA R506 VRD-RAZBE1331 J 47k 18W Carbon AA R506 VRD-RAZBE1331 J 47k 18W Carbon AA R506 VRD-RAZBE1031 J 10k 18W Carbon AA R507 VRD-RAZBE1031 J 10k 18W Carbon AA R507 VRD-RAZBE1031 J 10k 18W Carbon AA R508 VRD-RAZBE1031 J 10k 18W Carbon AA R508 VRD-RAZBE1031 J 18k 18W Carbon AA R508 VRD-RAZBE1031 J 18k 18W Carbon AA R509 VRD-RAZBE1031 J 18k 18W Carbon AA R509 VRD-RAZBE331 J 38k 18W Carbon AA R509 VRD-RAZBE3031			MOTHER	UNIT	(Continued	l)						AA
R431         VRD-RA2BE101J J 100 1/8W Carbon         AA         R492         VRD-RA2BE103J J 10x 1/3W Carbon         AA         R493         VRD-RA2BE103J J 10x 1/3W Carbon         AA         R493         VRD-RA2BE103J J 10x 1/3W Carbon         AA         R494         VRD-RA2BE103J J 10x 1/3W Carbon         AA         R494         VRD-RA2BE103J J 10x 1/3W Carbon         AA         R494         VRD-RA2BE103J J 10x 1/3W Carbon         AA         R501         VRD-RA2BE103J J 10x 1/3W Carbon         AA         R502         VRD-RA2BE103J J 10x 1/3W Carbon         AA         R502         VRD-RA2BE153J J 15x 1/3W Carbon         AA         R503         VRD-RA2BE153J J 15x 1/3W Carbon         AA         R503         VRD-RA2BE153J J 15x 1/3W Carbon         AA         R505         VRD-RA2BE153J J 15x 1/3W Carbon         AA         R505         VRD-RA2BE153J J 15x 1/3W Carbon         AA         R505         VRD-RA2BE163J J 15x 1/3W Carbon         AA         R506         VRD-RA2BE103J J 10x 1/3W Carbon         AA         R506         VRD-RA2BE103J J 10x 1/3W Carbon         AA         R506         VRD-RA2BE103J J 10x 1/3W Carbon         AA         R510 <t< td=""><td></td><td></td><td>DECICTORS</td><td>(Conti</td><td>nuad\</td><td></td><td></td><td></td><td></td><td></td><td>1/8W Carbon</td><td>AA</td></t<>			DECICTORS	(Conti	nuad\						1/8W Carbon	AA
R432 VRD-RAZBEIOIJ J 100 1/8W Carbon AA R493 VRD-RAZBEIOJ J 100 1/8W Carbon AA R501 VRD-RAZBEIOJ J 100 1/8W Carbon AA R501 VRD-RAZBEIOJ J 100 1/8W Carbon AA R501 VRD-RAZBEIOJ J 47k 1/8W Carbon AA R502 VRD-RAZBEIOJ J 47k 1/8W Carbon AA R503 VRD-RAZBEIOJ J 100 1/8W Carbon AA R504 VRD-RAZBEIOJ J 100 1/8W Carbon AA R504 VRD-RAZBEIOJ J 100 1/8W Carbon AA R505 VRD-RAZBEIOJ J 100 1/8W Carbon AA R506 VRD-RAZBEIOJ J 100 1/8W Carbon AA R506 VRD-RAZBEIOJ J 100 1/8W Carbon AA R506 VRD-RAZBEIOJ J 100 1/8W Carbon AA R507 VRD-RAZBEIOJ J 100 1/8W Carbon AA R507 VRD-RAZBEIOJ J 100 1/8W Carbon AA R508 VRD-RAZBEIOJ J 100 1/8W Carbon AA R508 VRD-RAZBEIOJ J 100 1/8W Carbon AA R509 VRD-RAZBEIOJ J 100 1/8W Carbon AA R500 VRD-RAZBEIOJ	D/121	V.0.0			•							AA
R433												AA
R434         VRD-RA2BE101J J 100 1/8W Carbon         AA         R501         VRS-VV3DB101J J 100 2W MetalOxid         MetalOxid           R435         VRD-RA2BE153J J 15k 1/8W Carbon         AA         R502         VRD-RA2BE13J J 15k 1/8W Carbon         AA         R502         VRD-RA2BE13J J 15k 1/8W Carbon         AA         R503         VRD-RA2BE153J J 15k 1/8W Carbon         AA         R504         VRD-RA2BE153J J 15k 1/8W Carbon         AA         R505         VRD-RA2BE153J J 15k 1/8W Carbon         AA         R506         VRD-RA2BE102J J 1 k 1/8W Carbon         AA         R507         VRD-RA2BE102J J J 1k 1/8W Carbon         AA         R509         VRD-RA2BE23J J 3/8k 1/8W Carbon         AA         R509         VRD-RA2BE33J J 3/8k 1/8W Carbon         AA         R509         VRD-RA2BE33J J 3/8k 1/8W Carbon         AA         R510         VRD-RA2BE33J J 3/8k 1/8W Carbon         AA         R510         VRD-RA2BE33J J 3/8k 1/8W Carbon         AA         R510         VRD-RA2BE33J J 3/8k 1/8W Carbon         AA												AA
R435         VRD-RA2BE101J J 100 18W Carbon         AA         R502         VRD-RA2BE473J J 37K 1/3W Carbon         AA         R503         VRD-RA2BE173J J 10K 1/3W Carbon         AA         R503         VRD-RA2BE173J J 10K 1/3W Carbon         AA         R503         VRD-RA2BE173J J 10K 1/3W Carbon         AA         R503         VRD-RA2BE173J J 15K 1/3W Carbon         AA         R505         VRD-RA2BE153J J 15K 1/3W Carbon         AA         R505         VRD-RA2BE101J J 15K 1/3W Carbon         AA         R505         VRD-RA2BE101J J 15K 1/3W Carbon         AA         R507         VRD-RA2BE101J J 15K 1/3W Carbon         AA         R507         VRD-RA2BE101J J 15K 1/3W Carbon         AA         R509         VRD-RA2BE103J J 35K 1/3W Carbon         AA         R501         Sec Controls           AR441         VRD-RA2BE103J J 3K 1/3W Carbon         AA         R510         VRD-RA2BE103J J 35K 1/3W Carbon         AA         R511         VRD-RA2BE103J J 3K 1/3W Carbon         AA         R512         VRD-RA2BE103J J 3K 1												AA
R437												e AA
R438	-											AA
R439							-					AA
R442 VRD-RA28E823J J 82k 1/8W Carbon AA R507 VRD-RA28E633J J 68k 1/8W Carbon AA R507 VRD-RA28E623J J 22k 1/8W Carbon AA R507 VRD-RA28E623J J 1/2W Carbon AA R509 VRD-RA28E623J J 1/2W Carbon AA R510 See Controls R444 VRD-RA28E623J J 22k 1/8W Carbon AA R510 See Controls See Controls VRD-RA28E623J J 22k 1/8W Carbon AA R510 See Controls VRD-RA28E623J J 22k 1/8W Carbon AA R510 VRD-RA28E63J J 3/2W L78W Carbon AA R510 VRD-RA28E6101J J 100 1/8W Carbon AA R511 VRD-RA28E6101J J 100 1/8W Carbon AA R511 VRD-RA28E6101J J 100 1/8W Carbon AA R511 VRD-RA28E6101J J 100 1/8W Carbon AA R514 See Controls VRD-RA28E6101J J 100 1/8W Carbon AA R515 VRD-RA28E6101J J 100 1/8W Carbon AA R515 VRD-RA28E6101J J 100 1/8W Carbon AA R516 VRD-RA28E6101J J 27k 1/8W Carbon AA R517 VRD-RA28E621J J 820 1/8W Carbon AA R517 VRD-RA28E63J J 5/2W L78W Carbon AA R518 VRD-RA28E6101J J 100 1/8W Carbon AA R519 VRD-RA28E6101J J 100 1/8W Carbon AA R519 VRD-RA28E6101J J 100 1/8W Carbon AA R519 VRD-RA28E101J J 27t 1/2W Carbon AA R519 VRD-RA28E6101J J 100 1/8W Carbon AA R520 VRD-RA28E101J J 100 1/8W Carbon AA R520 VRD-RA28E20J J 22k 1/8W												AA
R443 VRD-RA2BE223J J 22k 1/8W Carbon AA R507 VRD-RM2HD102J J 1k 1/2W Carbon AA R507 VRD-RM2HD102J J 1k 1/2W Carbon AA R508 VRD-RA2BE473J J 47k 1/8W Carbon AA R509 VRD-RA2BE393J J 3k 1/8W Carbon AA R510 See Controls VRD-RA2BE223J J 22k 1/8W Carbon AA R511 VRD-RA2BE333J J 38k 1/8W Carbon AA R510 VRD-RA2BE393J J 38k 1/8W Carbon AA R511 VRD-RA2BE3562J J 5.6k 1/8W Carbon AA R513 VRD-RA2BE3101J J 100 1/8W Carbon AA R513 VRD-RA2BE3101J J 100 1/8W Carbon AA R516 VRD-RA2BE3101J J 100 1/8W Carbon AA R516 VRD-RA2BE3101J J 100 1/8W Carbon AA R517 VRD-RA2BE373J J 27k 1/8W Carbon AA R518 VRD-RA2BE3101J J 100 1/8W Carbon AA R519 VRD-RA2BE3101J J 300 1/8W Carbon AA R510 VRD-RA2BE3101J J 300 1/8W Carbon AA R520 VRD-RA2BE3101J J 300 1/8W Carbon AA R520 VRD-RA2BE3101J J 300 1/8W Carbon AA R521 VRD-RA2BE323J J 22k 1/8W Carbon AA R524 VRD-RA2BE323J J 22k 1/8W Carbon AA R524 VRD-RA2BE323J J 22k 1/8W Carbon AA R526 VRD-RA2BE323J J 22k 1/8W Carbon AA R526 VRD-RA2BE323J J 22k 1/8W Carbon AA R527 VRD-RA2BE323J J 22k 1/8W Carbon AA R527 VRD-RA2BE323J J 22k 1/8W Carbon AA R527 VRD-RA2BE323J J 22k 1/8W Carbon AA R529 VRD-RA2BE323J J 22k 1/8W Carbon AA R601 VRD-RA2BE323J J 22k 1/8W Carbon AA R601 VRD-	R442											AA
R444	R443											AA
RA45	R444											AA
R446	R445											AA
R447         VRD-RA2BE224J J         220k1/8W Carbon         AA         R511         VRD-RA2BE333J J         33k 1/8W Carbon           AR489         VRG-RL2HB220J J         22 1/2W Fuse Resistor         AB         R512         VRD-RA2BE562J J         5.6k 1/8W Carbon           AR451         VRD-RA2BE101J J         100 1/8W Carbon         AA         R513         VRD-RA2BE562J J         5.6k 1/8W Carbon           AR452         VRG-RL2HB100J J         10 1/2W Fuse Resistor         AB         R515         VRD-RA2BE563J J         56k 1/8W Carbon           R453         VRD-RA2BE821J J         820 1/8W Carbon         AA         R516         VRD-RA2BE563J J         56k 1/8W Carbon           R455         VRD-RA2BE810J J         820 1/8W Carbon         AA         R517         VRD-RA2BE273J J         27k 1/8W Carbon           R455         VRD-RA2BE10J J         10 1/8W Carbon         AA         R518         VRD-RA2BE273J J         27k 1/8W Carbon           R457         VRD-RA2BE10J J         10 0 1/8W Carbon         AA         R520         VRD-RA2BE10J J         20 1/2W Carbon         AA         R521         VRD-RA2BE273J J         27k 1/2W Carbon           R458         VRD-RA2BE10J J         100 1/8W Carbon         AA         R521         VRD-RA2BE273J J         27k 1/2W Carbon <td>R446</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>, ,</td> <td>39K</td> <td>1/8W Carbon</td> <td>AA</td>	R446								, ,	39K	1/8W Carbon	AA
№ R449         VRG-RL2HB220J J 22 1/2W Fuse Resistor AB         R512         VRD-RA2BE102J J 100 1/8W Carbon AA         R513         VRD-RA2BE101J J 100 1/8W Carbon AA         R513         VRD-RA2BE101J J 100 1/8W Carbon AA         R513         VRD-RA2BE101J J 100 1/8W Carbon AA         R514         See Controls           ▲ R452         VRG-RA2BE102J J 10 10 1/2W Fuse Resistor AB         R515         VRD-RA2BE8473J J 47k 1/8W Carbon AA         R516         VRD-RA2BE8473J J 47k 1/8W Carbon AA         R516         VRD-RA2BE8473J J 56k 1/8W Carbon AA         R516         VRD-RA2BE8473J J 56k 1/8W Carbon AA         R516         VRD-RA2BE8473J J 56k 1/8W Carbon AA         R517         VRD-RA2BE8563J J 56k 1/8W Carbon AA         R517         VRD-RA2BE8563J J 56k 1/8W Carbon AA         R517         VRD-RA2BE8101J J 500 1/8W Carbon AA         R517         VRD-RA2BE8101J J 500 1/8W Carbon AA         R518         VRD-RA2BE8101J J 500 1/8W Carbon AA         R519         VRD-RA2BE101J J 300 1/8W Carbon AA         R520         VRD-RA2BE101J J 300 1/8W Carbon AA         R520         VRD-RA2BE101J J 300 1/8W Carbon AA         R521         VRD-RA2BE101J J 300 1/8W Carbon AA         R521         VRD-RA2BE101J J 300 1/8W Carbon AA         R522         VRD-RA2BE102RJ J 2.77 1/2W Carbon AA         R523         VRS-VV3DB271J J 270 1/2W Carbon AA         R524         VRD-RA2BE102RJ J 2.77 1/2W Carbon AA         R524         VRD-RA2BE102RJ J 2.77 1/2W Carbon AA         R525         VRS-VV3DB271J J 270 2W Metal Oxide AA	R447									221.	4.014.0	
R450 VRD-RA2BE101J J 100 1/8W Carbon AA R511 VRD-RA2BE101J J 100 1/8W Carbon AA R514 See Controls  AR451 VRD-RA2BE102J J 11 1/8W Carbon AA R514 See Controls  AR515 VRD-RA2BE100J J 10 1/2W Fuse Resistor AB R515 VRD-RA2BE473J J 47k 1/8W Carbon AA R516 VRD-RA2BE821J J 820 1/8W Carbon AA R516 VRD-RA2BE8273J J 27k 1/8W Carbon AA R517 VRD-RA2BE821J J 820 1/8W Carbon AA R517 VRD-RA2BE8273J J 27k 1/8W Carbon AA R518 VRD-RA2BE821J J 27k 1/8W Carbon AA R518 VRD-RA2BE102J J 1k 1/8W Carbon AA R518 VRD-RA2BE273J J 27k 1/8W Carbon AA R519 VRD-RA2BE101J J 100 1/8W Carbon AA R519 VRD-RA2BE101J J 100 1/8W Carbon AA R519 VRD-RA2BE101J J 100 1/8W Carbon AA R520 VRD-RM2HD2R7J J 2.7 1/2W Carbon AA R520 VRD-RM2HD2R7J J 2.7 1/2W Carbon AA R520 VRD-RA2BE101J J 100 1/8W Carbon AA R521 VRD-RM2HD2R7J J 2.7 1/2W Carbon AA R521 VRD-RA2BE101J J 100 1/8W Carbon AA R521 VRD-RM2HD2R7J J 2.7 1/2W Carbon AA R521 VRD-RA2BE101J J 100 1/8W Carbon AA R522 VRD-RM2HD2R7J J 2.7 1/2W Carbon AA R523 VRD-RA2BE101J J 100 1/8W Carbon AA R523 VRS-VV3DB821J J 220 2W Metal Oxide AR461 VRD-RA2BE101J J 100 1/8W Carbon AA R525 VRS-VV3DB821J J 220 2W Metal Oxide AR462 VRD-RA2BE101J J 100 1/8W Carbon AA R525 VRS-VV3DB821J J 220 2W Metal Oxide AR463 VRD-RA2BE223J J 22k 1/8W Carbon AA R526 VRD-RA2BE223J J 22k 1/8W Carbon AA R527 VRD-RA2BE223J J 22k 1/8W Carbon AA R528 VRD-RA2BE223J J 22k 1/8W Carbon AA R529 VRD-RA2BE223J J 22k 1/8W Carbon AA R520 VRD-RA2BE223J J 22k 1/8W Carbon AA R601 VRD-RA2BE223J J 22k 1/8W Carbon AA R602 VRD-RA2BE223J J 22k 1/8W Carbon AA R602 VRD-RA2BE23J J 47k 1/8W Carbon	<b> R449</b>											AA
R451       VRD-RA2BE102J J 1k 1/8W Carbon AA       AA R514       See Controls       See Controls         ▲ R452       VRG-RL2HB100J J 10 1/2W Fuse Resistor AB       R515       VRD-RA2BE821J J 47k 1/8W Carbon AA       R516       VRD-RA2BE821J J 56k 1/8W Carbon AA       R516       VRD-RA2BE8273J J 56k 1/8W Carbon AA       R516       VRD-RA2BE8273J J 56k 1/8W Carbon AA       R517       VRD-RA2BE8273J J 27k 1/8W Carbon AA       R517       VRD-RA2BE8273J J 27k 1/8W Carbon AA       R518       VRD-RA2BE8273J J 27k 1/8W Carbon AA       R519       VRD-RA2BE8273J J 27k 1/8W Carbon AA       R519       VRD-RA2BE8273J J 27k 1/8W Carbon AA       R519       VRD-RA2BE8273J J 27k 1/8W Carbon AA       R520       VRD-RA2BE8273J J 27k 1/8W Carbon AA       R520       VRD-RA2BE101J J 100 1/8W Carbon AA       R521       VRD-RA2BE102RJ J 2.7 1/2W Carbon AA       R521       VRD-RA2BE107J J 2.7 1/2W Carbon AA       R523       VRD-RA2BE107J J 2.7 1/2W Carbon AA       R523       VRD-RA2BE8101J J 100 1/8W Carbon AA       R524       VRS-VV3DB27J J 270 2W MetalOxide AR       R464       VRD-RA2BE101J J 100 1/8W Carbon AA       R525       VRS-VV3DB27J J 270 2W MetalOxide AR       R526       VRD-RA2BE101J J 270 2W MetalOxide AR       R526       VRS-VV3DB27J J 270 2W MetalOxide AR       R527       VRS-VV3DB27J J 270 2W MetalOxide AR <td< td=""><td>R450</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>AA</td></td<>	R450											AA
№ R452         VRG-RL2HB100J J         10         1/2W Fuse Resistor AB         R515         VRD-RA2BE8473J J         47k         1/8W Carbon           R453         VRD-RA2BE821J J         820         1/8W Carbon         AA         R516         VRD-RA2BE563J J         56k         1/8W Carbon         AA         R516         VRD-RA2BE563J J         56k         1/8W Carbon         AA         R516         VRD-RA2BE563J J         56k         1/8W Carbon         AA         R517         VRD-RA2BE573J J         27k         1/8W Carbon         AA         R518         VRD-RA2BE573J J         27k         1/8W Carbon         AA         R519         VRD-RA2BE573J J         27k         1/8W Carbon         AA         R520         VRD-RM2HD2R7J J         2.7         1/2W Carbon         AA         R521         VRD-RM2HD2R7J J         2.7         1/2W Carbon         AA         R521         VRD-RM2HD2R7J J         2.7         1/2W Carbon         AA         R521         VRD-RM2HD2R7J J         2.7         1/2W Carbon         AR         R521         VRD-RM2HD2R7J J         2.7         1/2W Carbon         AR         R522         VRD-RM2HD2R7J J         2.7         1/2W Carbon         AR         R523         VRS-VV3DB27JJ J         2.7         1/2W Carbon         AR         R523         VRS-VV3DB	R451								,	100	1/8W Carbon	AA
R453 VRD-RA2BE821J J 820 1/8W Carbon AA R516 VRD-RA2BE563J J 56k 1/8W Carbon R454 VRD-RA2BE821J J 820 1/8W Carbon AA R517 VRD-RA2BE273J J 27k 1/8W Carbon R455 VRD-RA2BE102J J 1k 1/8W Carbon AA R517 VRD-RA2BE273J J 27k 1/8W Carbon R456 VRD-RA2BE101J J 100 1/8W Carbon AA R519 VRD-RA2BE273J J 27k 1/8W Carbon R456 VRD-RA2BE101J J 100 1/8W Carbon AA R519 VRD-RM2HD287J J 2.7 1/2W Carbon R457 VRD-RA2BE101J J 100 1/8W Carbon AA R520 VRD-RM2HD287J J 2.7 1/2W Carbon R458 VRD-RA2BE101J J 100 1/8W Carbon AA R520 VRD-RM2HD287J J 2.7 1/2W Carbon R459 VRG-RA2BE101J J 100 1/8W Carbon AA R521 VRD-RM2HD287J J 2.7 1/2W Carbon R460 VRD-RA2BE101J J 100 1/8W Carbon AA R522 VRD-RM2HD287J J 2.7 1/2W Carbon R460 VRD-RA2BE101J J 100 1/8W Carbon AA R523 VRS-VV3DB221J J 220 2W MetalOxidd R461 VRD-RA2BE101J J 100 1/8W Carbon AA R524 VRS-VV3DB221J J 270 2W MetalOxidd R462 VRD-RA2BE101J J 100 1/8W Carbon AA R525 VRS-VV3DB221J J 270 2W MetalOxidd R463 VRD-RA2BE23J J 22k 1/8W Carbon AA R525 VRG-RR2BB470J J 47 1/2W Fuse Resistor R464 VRD-RA2BE223J J 22k 1/8W Carbon AA R527 VRD-RA2BE224J J 220k1/8W Carbon AA R528 VRD-RA2BE223J J 22k 1/8W Carbon AA R528 VRD-RA2BE223J J 27k 1/8W Carbon AA R530 VRD-RA2BE223J J 27k 1/8W Carbon AA R660 VRD-RA2BE223J J 22k 1/8W Carbon AA R660 VRD-RA2BE223J J 27k 1/8W Carb	<b>⚠ R452</b>									471.	40046	
R454 VRD-RA2BE821J J 820 1/8W Carbon AA R517 VRD-RA2BE273J J 27k 1/8W Carbon R455 VRD-RA2BE102J J 1k 1/8W Carbon AA R518 VRD-RA2BE273J J 27k 1/8W Carbon AA R518 VRD-RA2BE273J J 27k 1/8W Carbon AA R518 VRD-RA2BE101J J 100 1/8W Carbon AA R518 VRD-RA2BE273J J 27k 1/8W Carbon AA R518 VRD-RA2BE151J J 150 1/8W Carbon AA R519 VRD-RM2HD2R7J J 2.7 1/2W Carbon R457 VRD-RA2BE151J J 150 1/8W Carbon AA R520 VRD-RM2HD2R7J J 2.7 1/2W Carbon AA R529 VRD-RA2BE101J J 100 1/8W Carbon AA R521 VRD-RM2HD2R7J J 2.7 1/2W Carbon R457 VRD-RA2BE101J J 100 1/8W Carbon AA R521 VRD-RM2HD2R7J J 2.7 1/2W Carbon R460 VRD-RA2BE101J J 100 1/8W Carbon AA R522 VRD-RM2HD2R7J J 2.7 1/2W Carbon R461 VRD-RA2BE101J J 100 1/8W Carbon AA R524 VRS-VV3DB221J J 270 2W MetalOxide R463 VRD-RA2BE101J J 100 1/8W Carbon AA R524 VRS-VV3DB221J J 270 2W MetalOxide R463 VRD-RA2BE223J J 22k 1/8W Carbon AA R526 VRG-RL2HB470J J 47 1/2W Fuse Resistor R466 VRD-RA2BE223J J 22k 1/8W Carbon AA R526 VRD-RA2BE223J J 22k 1/8W Carbon AA R527 VRD-RA2BE223J J 27k 1/8W Carbon AA R528 VRD-RA2BE223J J 27k 1/8W Carbon AA R528 VRD-RA2BE223J J 27k 1/8W Carbon AA R528 VRD-RA2BE223J J 27k 1/8W Carbon AA R529 VRD-RA2BE123J J 12k 1/8W Carbon R466 VRD-RA2BE223J J 22k 1/8W Carbon AA R528 VRD-RA2BE223J J 27k 1/8W Carbon AA R602 VRD-RA2BE223J J 27k 1/8W Carbon AA R603 VRD-RA2BE223J J 27k 1/8W Carbon AA R604 VRD-RA2BE473J J 47k 1/8W Carbon AA R606 VRD-RA2BE223J J 27	R453											AA
R455 VRD-RA2BE102J J 1k 1/8W Carbon AA R518 VRD-RA2BE273J J 27k 1/8W Carbon R456 VRD-RA2BE101J J 100 1/8W Carbon AA R519 VRD-RM2HD391J J 390 1/2W Carbon R457 VRD-RA2BE101J J 100 1/8W Carbon AA R520 VRD-RM2HD2R7J J 2.7 1/2W Carbon R458 VRD-RA2BE101J J 100 1/8W Carbon AA R520 VRD-RM2HD2R7J J 2.7 1/2W Carbon R458 VRD-RA2BE101J J 100 1/8W Carbon AA R521 VRD-RM2HD2R7J J 2.7 1/2W Carbon R458 VRD-RA2BE101J J 100 1/8W Carbon AA R521 VRD-RM2HD2R7J J 2.7 1/2W Carbon R460 VRD-RA2BE101J J 100 1/8W Carbon AA R523 VRS-VV3DB221J J 220 2W MetalOxide R461 VRD-RA2BE101J J 100 1/8W Carbon AA R524 VRS-VV3DB221J J 220 2W MetalOxide R461 VRD-RA2BE101J J 100 1/8W Carbon AA R524 VRS-VV3DB221J J 220 2W MetalOxide R462 VRD-RA2BE101J J 100 1/8W Carbon AA R525 VRS-VV3DB221J J 220 2W MetalOxide R464 VRD-RA2BE223J J 22k 1/8W Carbon AA R525 VRS-VV3DB221J J 220 2W MetalOxide R465 VRD-RA2BE223J J 22k 1/8W Carbon AA R526 VRG-RA2BE223J J 22k 1/8W Carbon AA R527 VRD-RA2BE223J J 22k 1/8W Carbon AA R528 VRD-RA2BE223J J 22k 1/8W Carbon AA R528 VRD-RA2BE223J J 22k 1/8W Carbon AA R528 VRD-RA2BE223J J 22k 1/8W Carbon AA R529 VRD-RA2BE223J J 22k 1/8W Carbon AA R530 VRD-RA2BE223J J 22k 1/8W Carbon AA R531 VRD-RA2BE223J J 22k 1/8W Carbon AA R531 VRD-RA2BE223J J 22k 1/8W Carbon AA R531 VRD-RA2BE223J J 22k 1/8W Carbon AA R530 VRD-RA2BE223J J 22k 1/8W Carbon AA R530 VRD-RA2BE223J J 22k 1/8W Carbon AA R601 VRD-RA2BE223J J 22k 1/8W Carbon AA R603 VRD-RA2BE223J J 22k 1/8W Carbon AA R604 VRD-RA2BE223J J 22k 1/8W Carbon AA R605 VRD-RA2BE223J J 22k 1/8W Carbon AA R606 VRD-RA2BE223J J 22k 1/8W Carbon AA R607 VRD-RA2BE223J J 22k 1/8W Carbon AA R608 VRD-RA2BE223J J 22k 1/8W Carbon AA R609 VRD-RA2BE223J J 22k 1/8W	R454											AA
R456	R455											AA
R457 VRD-RA2BE151J J 150 1/8W Carbon AA R520 VRD-RM2HD2R7J J 2.7 1/2W Carbon AA R529 VRD-RA2BE101J J 100 1/8W Carbon AA R521 VRD-RM2HD2R7J J 2.7 1/2W Carbon AA R529 VRD-RA2BE101J J 100 1/8W Carbon AA R521 VRD-RM2HD2R7J J 2.7 1/2W Carbon AA R540 VRD-RA2BE101J J 100 1/8W Carbon AA R522 VRD-RM2HD2R7J J 2.7 1/2W Carbon AA R520 VRD-RA2BE101J J 200 1/8W Carbon AA R523 VRS-VV3DB221J J 200 W Metal Oxide AAA VRD-RA2BE101J J 100 1/8W Carbon AA R524 VRS-VV3DB221J J 270 2W Metal Oxide AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	R456	VRD-	RA2BE101J	J 100								AA
R458	R457											AA
R459	R458					AA						AA AA
R460       VRD-RA2BE101J J 100 1/8W Carbon       AA       R523       VRS-VV3DB221J J 220 2W       Metal Oxide         R461       VRD-RA2BE101J J 100 1/8W Carbon       AA       R524       VRS-VV3DB271J J 270 2W       Metal Oxide         R462       VRD-RA2BE101J J 100 1/8W Carbon       AA       R525       VRS-VV3DB271J J 270 2W       Metal Oxide         R462       VRD-RA2BE750J J 75 1/8W Carbon       AA       R525       VRS-VV3DB21J J 820 2W       Metal Oxide         R464       VRD-RA2BE223J J 22k 1/8W Carbon       AA       R526       VRG-RL2HB470J J 47 1/2W Fuse Resisto         R465       VRD-RA2BE223J J 22k 1/8W Carbon       AA       R527       VRD-RA2BE224J J 220k1/8W Carbon         R466       VRD-RA2BE223J J 22k 1/8W Carbon       AA       R529       VRD-RA2BE123J J 12k 1/8W Carbon         R467       VRD-RA2BE223J J 22k 1/8W Carbon       AA       R530       VRD-RA2BE123J J 12k 1/8W Carbon         R468       VRD-RA2BE223J J 22k 1/8W Carbon       AA       R550       VRD-RA2BE123J J 22k 1/8W Carbon         R469       VRD-RA2BE103J J 10k 1/8W Carbon       AA       R550       VRD-RA2BE473J J 47k 1/8W Carbon         R471       VRD-RA2BE102J J 1k 1/8W Carbon       AA       R601       VRD-RA2BE222J J 2.2k 1/8W Carbon         R472       VRD-RA2BE102J J 1k 1/8W Carbon	<b>⚠ R459</b>	VRG-	RL2HB220J	J 22	1/2W Fuse Resisto	or AB						AA
R461	R460	VRD-	RA2BE101J	J 100	1/8W Carbon	AA						
R462 VRD-RA2BE101J J 100 1/8W Carbon AA R525 VRS-VV3DB821J J 820 2W Metal Oxide R463 VRD-RA2BE750J J 75 1/8W Carbon AA	R461	VRD-	RA2BE101J	J 100	1/8W Carbon							
R463         VRD-RA2BE750J J 75         1/8W Carbon         AA         ⚠R526         VRG-RL2HB470J J 47         1/2W Fuse Resistor           R464         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R527         VRD-RA2BE224J J 220k1/8W Carbon           R465         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R528         VRD-RA2BE273J J 27k 1/8W Carbon           R466         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R529         VRD-RA2BE123J J 12k 1/8W Carbon           R467         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R530         VRD-RA2BE123J J 12k 1/8W Carbon           R468         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R531         VRD-RA2BE223J J 22k 1/8W Carbon           R469         VRD-RA2BE103J J 10k 1/8W Carbon         AA         R601         VRD-RA2BE473J J 47k 1/8W Carbon           R470         VRD-RA2BE103J J 10k 1/8W Carbon         AA         R601         VRD-RA2BE103J J 120 1/2W Carbon           R471         VRD-RA2BE103J J 10k 1/8W Carbon         AA         R602         See Controls           R472         VRD-RA2BE103J J 1k 1/8W Carbon         AA         R603         VRD-RA2BE222J J 2.2k 1/8W Carbon           R473         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R604         VRD-RA2BE473J J 47k 1/8W Carbon           R476	R462	VRD-	RA2BE101J	J 100	1/8W Carbon	AA						
R464         VRD-RA2BE223J J         22k 1/8W Carbon         AA         R527         VRD-RA2BE224J J         220k1/8W Carbon           R465         VRD-RA2BE223J J         22k 1/8W Carbon         AA         R528         VRD-RA2BE273J J         27k 1/8W Carbon           R466         VRD-RA2BE223J J         22k 1/8W Carbon         AA         R529         VRD-RA2BE123J J         12k 1/8W Carbon           R467         VRD-RA2BE223J J         22k 1/8W Carbon         AA         R530         VRD-RA2BE123J J         12k 1/8W Carbon           R468         VRD-RA2BE223J J         22k 1/8W Carbon         AA         R531         VRD-RA2BE223J J         22k 1/8W Carbon           R469         VRD-RA2BE103J J         10k 1/8W Carbon         AA         R601         VRD-RA2BE4473J J         47k 1/8W Carbon           R470         VRD-RA2BE103J J         10k 1/8W Carbon         AA         R601         VRD-RA2BE4473J J         47k 1/8W Carbon           R471         VRD-RA2BE103J J         10k 1/8W Carbon         AA         R602         See Controls           R472         VRD-RA2BE102J J         1k 1/8W Carbon         AA         R603         VRD-RA2BE422J J         22k 1/8W Carbon           R473         VRD-RA2BE223J J         22k 1/8W Carbon         AA         R605	R463	VRD-	RA2BE750J	J 75	1/8W Carbon	AA						
R465 VRD-RA2BE223J J 22k 1/8W Carbon AA R528 VRD-RA2BE273J J 27k 1/8W Carbon R466 VRD-RA2BE223J J 22k 1/8W Carbon AA R529 VRD-RA2BE123J J 12k 1/8W Carbon R467 VRD-RA2BE223J J 22k 1/8W Carbon AA R530 VRD-RA2BE123J J 12k 1/8W Carbon R468 VRD-RA2BE223J J 22k 1/8W Carbon AA R531 VRD-RA2BE223J J 22k 1/8W Carbon AA R531 VRD-RA2BE223J J 22k 1/8W Carbon R469 VRD-RA2BE223J J 22k 1/8W Carbon AA R550 VRD-RA2BE473J J 47k 1/8W Carbon R470 VRD-RA2BE103J J 10k 1/8W Carbon AA R601 VRD-RM2HD121J J 120 1/2W Carbon R471 VRD-RA2BE103J J 10k 1/8W Carbon AA R602 See Controls R472 VRD-RA2BE103J J 10k 1/8W Carbon AA R603 VRD-RA2BE222J J 22k 1/8W Carbon R473 VRD-RA2BE102J J 1k 1/8W Carbon AA R604 VRD-RA2BE473J J 47k 1/8W Carbon R474 VRD-RA2BE223J J 22k 1/8W Carbon AA R605 VRD-RA2BE473J J 47k 1/8W Carbon R475 VRD-RA2BE223J J 22k 1/8W Carbon AA R606 VRD-RA2BE473J J 47k 1/8W Carbon R476 VRD-RA2BE223J J 22k 1/8W Carbon AA R606 VRD-RA2BE223J J 22k 1/8W Carbon AA R607 VRD-RA2BE223J J 22k 1/8W Carbon AA R608 VRD-RA2BE392J J 3.9k 1/8W Carbon R477 VRD-RA2BE223J J 22k 1/8W Carbon AA R608 VRD-RA2BE392J J 3.9k 1/8W Carbon R478 VRD-RA2BE223J J 22k 1/8W Carbon AA R609 VRD-RA2BE103J J 10k 1/8W Carbon R479 VRD-RA2BE223J J 22k 1/8W Carbon AA R609 VRD-RA2BE223J J 3.3k 1/2W Carbon R480 VRD-RA2BE2663J J 56k 1/8W Carbon AA R611 VRD-RA2BE273J J 27k 1/8W Carbon R481 VRD-RA2BE563J J 56k 1/8W Carbon AA R612 VRD-RA2BE562J J 5.6k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R612 VRD-RA2BE562J J 5.6k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R612 VRD-RA2BE562J J 5.6k 1/8W Carbon AA R612 VRD-RA2BE562J J 5.6k 1/8W Carbon AA R612 VRD-RA2BE562J J 5.6k 1/8W Carbon AA R613 VRD-RA2BE56473J J 47k 1/8W Carbon AA R613 VRD-RA2BE5663J J 47k 1/8W Carbon AA R613 VRD-RA2BE5663J J 47k 1/8W Carbon AA R613 VRD-RA2BE5	R464	VRD-	RA2BE223J	J 22k	1/8W Carbon	AA						AA
R466 VRD-RA2BE223J J 22k 1/8W Carbon AA R529 VRD-RA2BE123J J 12k 1/8W Carbon R467 VRD-RA2BE223J J 22k 1/8W Carbon AA R530 VRD-RA2BE223J J 12k 1/8W Carbon R468 VRD-RA2BE223J J 22k 1/8W Carbon AA R531 VRD-RA2BE223J J 22k 1/8W Carbon R469 VRD-RA2BE223J J 22k 1/8W Carbon AA R550 VRD-RA2BE223J J 22k 1/8W Carbon R470 VRD-RA2BE103J J 10k 1/8W Carbon AA R601 VRD-RM2HD121J J 120 1/2W Carbon R471 VRD-RA2BE103J J 10k 1/8W Carbon AA R602 See Controls R472 VRD-RA2BE102J J 1k 1/8W Carbon AA R603 VRD-RA2BE222J J 2.2k 1/8W Carbon R473 VRD-RA2BE102J J 1k 1/8W Carbon AA R604 VRD-RA2BE222J J 2.2k 1/8W Carbon R474 VRD-RA2BE223J J 22k 1/8W Carbon AA R605 VRD-RA2BE473J J 47k 1/8W Carbon R475 VRD-RA2BE223J J 22k 1/8W Carbon AA R606 VRD-RA2BE223J J 22k 1/8W Carbon AA R606 VRD-RA2BE223J J 22k 1/8W Carbon AA R607 VRD-RA2BE223J J 22k 1/8W Carbon AA R607 VRD-RA2BE223J J 22k 1/8W Carbon AA R608 VRD-RA2BE223J J 22k 1/8W Carbon AA R609 VRD-RA2BE223J J 3.9k 1/8W Carbon R476 VRD-RA2BE223J J 22k 1/8W Carbon AA R609 VRD-RA2BE203J J 3.3k 1/8W Carbon R478 VRD-RA2BE223J J 22k 1/8W Carbon AA R609 VRD-RA2BE223J J 3.3k 1/2W Carbon R479 VRD-RA2BE223J J 22k 1/8W Carbon AA R609 VRD-RA2BE223J J 3.3k 1/2W Carbon R480 VRD-RA2BE563J J 56k 1/8W Carbon AA R611 VRD-RA2BE273J J 27k 1/8W Carbon R481 VRD-RA2BE563J J 56k 1/8W Carbon AA R612 VRD-RA2BE562J J 5.6k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R612 VRD-RA2BE562J J 5.6k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R612 VRD-RA2BE562J J 5.6k 1/8W Carbon AA R612 VRD-RA2BE562J J 5.6k 1/8W Carbon AA R612 VRD-RA2BE562J J 5.6k 1/8W Carbon AA R613 VRD-RA2BE562J J 5.6k 1/8W Carbon AA R614 VRD-RA2BE562J J 5.6k 1/8W Carbon AA R615 VRD-RA2BE562J J 5.6k 1/8W Carbon AA R617 VRD-RA2BE562J J 5.6k 1/8W Carbon AA R618 VRD-RA2BE562J J 5.6k 1/8W Carbon AA R619 VRD-RA2B	R465	VRD-	RA2BE223J	J 22k	1/8W Carbon	AA						AA
R467         VRD-RA2BE223J J         22k         1/8W Carbon         AA         R530         VRD-RA2BE123J J         12k         1/8W Carbon           R468         VRD-RA2BE223J J         22k         1/8W Carbon         AA         R531         VRD-RA2BE223J J         22k         1/8W Carbon           R469         VRD-RA2BE223J J         22k         1/8W Carbon         AA         R550         VRD-RA2BE473J J         47k         1/8W Carbon           R470         VRD-RA2BE103J J         10k         1/8W Carbon         AA         R601         VRD-RM2HD121J J         120         1/2W Carbon           R471         VRD-RA2BE103J J         10k         1/8W Carbon         AA         R602         See Controls           R472         VRD-RA2BE102J J         1k         1/8W Carbon         AA         R603         VRD-RA2BE222J J         2.2k         1/8W Carbon           R473         VRD-RA2BE102J J         1k         1/8W Carbon         AA         R604         VRD-RA2BE473J J         47k         1/8W Carbon           R474         VRD-RA2BE223J J         22k         1/8W Carbon         AA         R605         VRD-RA2BE473J J         47k         1/8W Carbon           R476         VRD-RA2BE223J J         22k         1/8W Carb	R466	VRD-	RA2BE223J	J 22k	1/8W Carbon	AA						AA
R468 VRD-RA2BE223J J 22k 1/8W Carbon AA R531 VRD-RA2BE223J J 22k 1/8W Carbon R469 VRD-RA2BE223J J 22k 1/8W Carbon AA R550 VRD-RA2BE473J J 47k 1/8W Carbon R470 VRD-RA2BE103J J 10k 1/8W Carbon AA R601 VRD-RM2HD121J J 120 1/2W Carbon R471 VRD-RA2BE103J J 10k 1/8W Carbon AA R602 See Controls R472 VRD-RA2BE102J J 1k 1/8W Carbon AA R603 VRD-RA2BE222J J 2.2k 1/8W Carbon R473 VRD-RA2BE102J J 1k 1/8W Carbon AA R604 VRD-RA2BE473J J 47k 1/8W Carbon R474 VRD-RA2BE223J J 22k 1/8W Carbon AA R605 VRD-RA2BE473J J 47k 1/8W Carbon R475 VRD-RA2BE223J J 22k 1/8W Carbon AA R606 VRD-RA2BE473J J 47k 1/8W Carbon R476 VRD-RA2BE223J J 22k 1/8W Carbon AA R606 VRD-RA2BE392J J 3.9k 1/8W Carbon R477 VRD-RA2BE223J J 22k 1/8W Carbon AA R607 VRD-RA2BE392J J 3.9k 1/8W Carbon R478 VRD-RA2BE223J J 22k 1/8W Carbon AA R609 VRD-RA2BE103J J 10k 1/8W Carbon R479 VRD-RA2BE223J J 22k 1/8W Carbon AA R609 VRD-RA2BE223J J 3.3k 1/2W Carbon R479 VRD-RA2BE223J J 22k 1/8W Carbon AA R609 VRD-RA2BE223J J 3.3k 1/2W Carbon R480 VRD-RA2BE263J J 56k 1/8W Carbon AA R610 VRD-RA2BE563J J 56k 1/8W Carbon AA R611 VRD-RA2BE563J J 56k 1/8W Carbon AA R612 VRD-RA2BE562J J 5.6k 1/8W Carbon R481 VRD-RA2BE563J J 56k 1/8W Carbon AA R612 VRD-RA2BE562J J 5.6k 1/8W Carbon AA R612 VRD-RA2BE562J J 5.6k 1/8W Carbon AA R612 VRD-RA2BE563J J 56k 1/8W Carbon AA R612 VRD-RA2BE563J J 5.6k 1/8W Carbon AA R613 VRD-RA2BE563J J 5.6k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon CR482 VRD-RA2BE563J J 5.6k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon CR482 VRD-RA2BE563J J 5.6k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon CR482 VRD-RA2BE563J J 5.6k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon CR482 VRD-RA2BE563J J 5.6k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon CR482 VRD-RA2BE563J J 5.6k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon CR482 VRD-RA2BE5	R467	VRD-	RA2BE223J	J 22k	1/8W Carbon	AA						AA
R469         VRD-RA2BE223J J         22k         1/8W Carbon         AA         R550         VRD-RA2BE473J J         47k         1/8W Carbon           R470         VRD-RA2BE103J J         J 10k         1/8W Carbon         AA         R601         VRD-RM2HD121J J         J 120         1/2W Carbon           R471         VRD-RA2BE103J J         J 10k         1/8W Carbon         AA         R602         See Controls           R472         VRD-RA2BE102J J         J 1k         1/8W Carbon         AA         R603         VRD-RA2BE222J J         2.2k         1/8W Carbon           R473         VRD-RA2BE102J J         J 1k         1/8W Carbon         AA         R604         VRD-RA2BE473J J         47k         1/8W Carbon           R474         VRD-RA2BE223J J         22k         1/8W Carbon         AA         R605         VRD-RA2BE473J J         47k         1/8W Carbon           R475         VRD-RA2BE223J J         22k         1/8W Carbon         AA         R606         VRD-RA2BE392J J         3.9k         1/8W Carbon           R476         VRD-RA2BE223J J         22k         1/8W Carbon         AA         R607         VRD-RA2BE392J J         3.9k         1/8W Carbon           R477         VRD-RA2BE223J J         22k         <	R468	VRD-I	RA2BE223J	J 22k	1/8W Carbon	AA						AA A
R470         VRD-RA2BE103J J 10k 1/8W Carbon         AA         R601         VRD-RM2HD121J J 120 1/2W Carbon           R471         VRD-RA2BE103J J 10k 1/8W Carbon         AA         R602         See Controls           R472         VRD-RA2BE102J J 1k 1/8W Carbon         AA         R603         VRD-RA2BE222J J 2.2k 1/8W Carbon           R473         VRD-RA2BE102J J 1k 1/8W Carbon         AA         R604         VRD-RA2BE473J J 47k 1/8W Carbon           R474         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R605         VRD-RA2BE473J J 47k 1/8W Carbon           R475         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R606         VRD-RA2BE820J J 82 1/4W Carbon           R476         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R607         VRD-RA2BE392J J 3.9k 1/8W Carbon           R477         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R608         VRD-RA2BE103J J 10k 1/8W Carbon           R478         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R609         VRD-RA2BE103J J 3.3k 1/2W Carbon           R479         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R610         VRD-RM2HD332J J 3.3k 1/2W Carbon           R480         VRD-RA2BE563J J 56k 1/8W Carbon         AA         R611         VRD-RA2BE562J J 5.6k 1/8W Carbon           R482         VRD-RA2BE563J J 56k 1/8W Ca	R469	VRD-I	RA2BE223J	J 22k	1/8W Carbon	AA						AA.
R471         VRD-RA2BE103J J 10k 1/8W Carbon         AA         R602         See Controls           R472         VRD-RA2BE102J J 1k 1/8W Carbon         AA         R603         VRD-RA2BE222J J 2.2k 1/8W Carbon           R473         VRD-RA2BE102J J 1k 1/8W Carbon         AA         R604         VRD-RA2BE473J J 47k 1/8W Carbon           R474         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R605         VRD-RA2BE473J J 47k 1/8W Carbon           R475         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R606         VRD-RA2BE820J J 82 1/4W Carbon           R476         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R607         VRD-RA2BE392J J 3.9k 1/8W Carbon           R477         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R608         VRD-RA2BE103J J 10k 1/8W Carbon           R478         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R609         VRD-RA2BE103J J 3.3k 1/2W Carbon           R479         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R610         VRD-RM2HD332J J 3.3k 1/2W Carbon           R480         VRD-RA2BE563J J 56k 1/8W Carbon         AA         R611         VRD-RA2BE562J J 5.6k 1/8W Carbon           R481         VRD-RA2BE563J J 56k 1/8W Carbon         AA         R612         VRD-RA2BE562J J 5.6k 1/8W Carbon           R482         VRD-RA2BE563J J 56k 1/8W C	R470	VRD-	RA2BE103J	J 10k	1/8W Carbon	AA	R601					AA
R473 VRD-RA2BE102J J 1k 1/8W Carbon AA R604 VRD-RA2BE473J J 47k 1/8W Carbon R474 VRD-RA2BE223J J 22k 1/8W Carbon AA R605 VRD-RA2BE473J J 47k 1/8W Carbon R475 VRD-RA2BE223J J 22k 1/8W Carbon AA R606 VRD-RA2EE820J J 82 1/4W Carbon R476 VRD-RA2BE223J J 22k 1/8W Carbon AA R607 VRD-RA2BE392J J 3.9k 1/8W Carbon R477 VRD-RA2BE223J J 22k 1/8W Carbon AA R608 VRD-RA2BE103J J 10k 1/8W Carbon R478 VRD-RA2BE223J J 22k 1/8W Carbon AA R609 VRD-RA2BE103J J 10k 1/8W Carbon R479 VRD-RA2BE223J J 22k 1/8W Carbon AA R609 VRD-RA2BE223J J 3.3k 1/2W Carbon R479 VRD-RA2BE223J J 22k 1/8W Carbon AA R610 VRD-RA2BE392J J 3.3k 1/2W Carbon R480 VRD-RA2BE563J J 56k 1/8W Carbon AA R611 VRD-RA2BE273J J 27k 1/8W Carbon R481 VRD-RA2BE563J J 56k 1/8W Carbon AA R612 VRD-RA2BE562J J 5.6k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE563J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE563J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE563J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE563J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W C						AA	R602					
R473         VRD-RA2BE102J J 1k 1/8W Carbon         AA         R604         VRD-RA2BE473J J 47k 1/8W Carbon           R474         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R605         VRD-RA2BE473J J 47k 1/8W Carbon           R475         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R606         VRD-RA2BE820J J 82 1/4W Carbon           R476         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R607         VRD-RA2BE392J J 3.9k 1/8W Carbon           R477         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R608         VRD-RA2BE103J J 10k 1/8W Carbon           R478         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R609         VRD-RU2EE471J J 470 1/4W Carbon           R479         VRD-RA2BE223J J 22k 1/8W Carbon         AA         R610         VRD-RM2HD332J J 3.3k 1/2W Carbon           R480         VRD-RA2BE563J J 56k 1/8W Carbon         AA         R611         VRD-RA2BE273J J 27k 1/8W Carbon           R481         VRD-RA2BE563J J 56k 1/8W Carbon         AA         R612         VRD-RA2BE562J J 5.6k 1/8W Carbon           R482         VRD-RA2BE563J J 56k 1/8W Carbon         AA         R613         VRD-RA2BE562J J 47k 1/8W Carbon						AA	R603	VRD-RA2BE222J	j	2.2k 1	/8W Carbon	Aλ
R474 VRD-RA2BE223J J 22k 1/8W Carbon AA R605 VRD-RA2BE473J J 47k 1/8W Carbon R475 VRD-RA2BE223J J 22k 1/8W Carbon AA R606 VRD-RA2BE392J J 3.9k 1/8W Carbon R476 VRD-RA2BE223J J 22k 1/8W Carbon AA R607 VRD-RA2BE392J J 3.9k 1/8W Carbon R477 VRD-RA2BE223J J 22k 1/8W Carbon AA R608 VRD-RA2BE103J J 10k 1/8W Carbon R478 VRD-RA2BE223J J 22k 1/8W Carbon AA R609 VRD-RA2BE103J J 10k 1/8W Carbon R479 VRD-RA2BE223J J 22k 1/8W Carbon AA R610 VRD-RA2BE223J J 3.3k 1/2W Carbon R480 VRD-RA2BE563J J 56k 1/8W Carbon AA R611 VRD-RA2BE563J J 27k 1/8W Carbon R481 VRD-RA2BE563J J 56k 1/8W Carbon AA R612 VRD-RA2BE562J J 5.6k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE563J J 56k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE563J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE563J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE563J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE563J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE563J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE4473J J 47k 1/8W Car						AA	R604					AA
R475 VRD-RA2BE223J J 22k 1/8W Carbon AA R606 VRD-RA2EE820J J 82 1/4W Carbon R476 VRD-RA2BE223J J 22k 1/8W Carbon AA R607 VRD-RA2BE392J J 3.9k 1/8W Carbon R477 VRD-RA2BE223J J 22k 1/8W Carbon AA R608 VRD-RA2BE103J J 10k 1/8W Carbon R478 VRD-RA2BE223J J 22k 1/8W Carbon AA R609 VRD-RU2EE471J J 470 1/4W Carbon R479 VRD-RA2BE223J J 22k 1/8W Carbon AA R610 VRD-RM2HD332J J 3.3k 1/2W Carbon R480 VRD-RA2BE563J J 56k 1/8W Carbon AA R611 VRD-RA2BE273J J 27k 1/8W Carbon R481 VRD-RA2BE563J J 56k 1/8W Carbon AA R612 VRD-RA2BE562J J 5.6k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE563J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE563J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE563J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE563J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE4473J J 47k 1/8W Carbon R483 VRD-RA						AA	R605					AA
R476 VRD-RA2BE223J J 22k 1/8W Carbon AA R607 VRD-RA2BE392J J 3.9k 1/8W Carbon R477 VRD-RA2BE223J J 22k 1/8W Carbon AA R608 VRD-RA2BE103J J 10k 1/8W Carbon R478 VRD-RA2BE223J J 22k 1/8W Carbon AA R609 VRD-RU2EE471J J 470 1/4W Carbon R479 VRD-RA2BE223J J 22k 1/8W Carbon AA R610 VRD-RM2HD332J J 3.3k 1/2W Carbon R480 VRD-RA2BE563J J 56k 1/8W Carbon AA R611 VRD-RA2BE273J J 27k 1/8W Carbon R481 VRD-RA2BE563J J 56k 1/8W Carbon AA R612 VRD-RA2BE562J J 5.6k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE563J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE563J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE563J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE563J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon						AA	R606					AA
R478						AA	R607	VRD-RA2BE392J	J	3.9k 1	/8W Carbon	Al
R479 VRD-RA2BE223J J 22k 1/8W Carbon AA R610 VRD-RM2HD332J J 3.3k 1/2W Carbon R480 VRD-RA2BE563J J 56k 1/8W Carbon AA R611 VRD-RA2BE273J J 27k 1/8W Carbon R481 VRD-RA2BE563J J 56k 1/8W Carbon AA R612 VRD-RA2BE562J J 5.6k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE563J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE473J J 47k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE473J J 47k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE473J J 47k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE474 VRD-RA2BE474 VRD-RA2BE474 VRD-RA2BE474 VRD-RA2BE474 VRD-RA2BE474 VRD-RA2BE474 VRD-RA2BE474						AA	R608					AA
R479 VRD-RA2BE223J J 22k 1/8W Carbon AA R610 VRD-RM2HD332J J 3.3k 1/2W Carbon R480 VRD-RA2BE563J J 56k 1/8W Carbon AA R611 VRD-RA2BE573J J 27k 1/8W Carbon R481 VRD-RA2BE563J J 56k 1/8W Carbon AA R612 VRD-RA2BE562J J 5.6k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE563J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon						AA	R609	VRD-RU2EE471J	j ,	470 1	/4W Carbon	AA
R480 VRD-RA2BE563J J 56k 1/8W Carbon AA R611 VRD-RA2BE273J J 27k 1/8W Carbon R481 VRD-RA2BE563J J 56k 1/8W Carbon AA R612 VRD-RA2BE562J J 5.6k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE473J J 47k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE473J J 47k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE473J J 47k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE473J J 47k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE473J J 47k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE473J J 47k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE473J J 47k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE473J J 47k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon R482 VRD-RA2BE474 VRD-RA2BE4						AA						AA
R481 VRD-RA28E563J J 56k 1/8W Carbon AA R612 VRD-RA28E562J J 5.6k 1/8W Carbon R482 VRD-RA28E563J J 56k 1/8W Carbon AA R613 VRD-RA28E473J J 47k 1/8W Carbon R483 VRD-RA28E47474 VRD-RA28E474 VRD-RA28E						AA						A4
R482 VRD-RA2BE563J J 56k 1/8W Carbon AA R613 VRD-RA2BE473J J 47k 1/8W Carbon						AA						AA
						AA						AA
	_					AA						AA
R484 VRD-RA2BE103JJ 10k 1/8W Carbon AA R615 VRD-RA2BE103JJ 10k 1/8W Carbon						AA						AA
R485 VRD-RA2BE183J J 18k 1/8W Carbon AA R616 VRD-RA2EE564J J 560k1/4W Carbon	R485	VRD-R	A2BE183J	18k	1/8W Carbon	AA						AA

Ref. No.	Part I	¥0. ±	Description	Code	Ref. No.	Part No.	*	Description	Code
PW	B-A D	UNTK79	60WEV2			RESISTORS	(Cor	ntinued)	
	M	OTHER U	NIT (Continu	ied)	R1026	VRD-RA2BE103	J J 1	10k 1/8W Carbon	AA
			-		R1027	VRD-RA2BE332	J J 3	3.3k 1/8W Carbon	AA
		SISTORS (Co	•		R1028	VRD-RA2BE103	J J 1	0k 1/8W Carbon	AA
R617			330k 1/4W Carbo		R1029	VRD-RA2BE224	J J 2	220k1/8W Carbon	AA
R618	VRD-RA2	BE4731 J	47k 1/8W Carbo	n AA	R1030	VRD-RAZEE105	l J 1	M 1/4W Carbon	AA
R620	VRD-RM2	HD820J J	82 1/2W Carbo	n AA	R1031	VRD-RA2BE274	l j 2	70k 1/8W Carbon	AA
R621	VRD-RAZ	BE101J J	100 1/8W Carbo	n AA	R1032	VRD-RA2BE562.	J 5	.6k 1/8W Carbon	AA
R623	VRD-RA2	BE1001 J	10 1/8W Carbo	n AA	R1033	VRD-RA2BE223.	J 2	2k 1/8W Carbon	AA
R625	VRD-RAZ	BE153J J	15k 1/8W Carbo	n AA	R1034	VRD-RA2BE101.	1 1	00 1/8W Carbon	AA
R626	VRD-RA2	BE472J J	4.7k 1/8W Carbo	n AA	R1035	VRD-RA2BE101.	J 1	00 1/8W Carbon	AA
R801	VRD-RA2	BE3921 J	3.9k 1/8W Carbo	n AA	R1036	VRD-RAZBE333.	J 3	3k 1/8W Carbon	AA
R802	VRD-RA2	BE392J J	3.9k 1/8W Carbo	n AA	R1037	VRD-RAZBE101	J 1	00 1/8W Carbon	AA
R803	VRD-RA2	BE392J J	3.9k 1/8W Carbon	n AA	R1038	VRD-RA28E332		.3k 1/8W Carbon	AA
R804	VRD-RA2	BE121J J	120 1/8W Carbon	AA r	R1039	VRD-RAZBE123J			AA
R805	VRD-RM2	HD471J J	470 1/2W Carbon	n AA	R1040	VRD-RA28E682		.8k 1/8W Carbon	AA
R806	VRD-RA2	BE121J J	120 1/8W Carbon	n AA	R1041	VRD-RA2BE822J			AA
R807	VRD-RM2	HD471J J	470 1/2W Carbon	n AA	R1042	VRD-RA2BE123J			AA
R808	VRD-RA2	BE121J J	120 1/8W Carbon	n AA	R1043	VRD-RA2BE103J		0k 1/8W Carbon	AA
R809	VRD-RM2	HD471J J	470 1/2W Carbon	AA n	R1044	VRD-RA2BE562J		.6k 1/8W Carbon	AA
R811	VRD-RA2	BE272J J	2.7k 1/8W Carbon	n AA	R1045	VRD-RA2BE332J			AA
R812	VRD-RA2	BE272J J	2.7k 1/8W Carbon	AA AA	R1046	VRD-RA2BE822J			AA
R813	VRD-RA2	BE562J J	5.6k 1/8W Carbon	n AA	R1047	VRD-RA2BE332J			AA
R814	VRD-RA2	8E101J J	100 1/8W Carbon	n AA	R1048	VRD-RA2BE392J			AA
R815	VRD-RA2	BE750J J	75 1/8W Carbon	AA	R1049	VRD-RA2BE222J			AA
R818	VRD-RA2	BE102J J	1k 1/8W Carbon	AA	R1050	VRD-RA2BE123J			AA
R819	VRD-RA2	BE102J J	1k 1/8W Carbon	AA	R1051	VRD-RA2BE273J			AA
R822	VRD-RA2	BE273J J	27k 1/8W Carbon	AA	R1052	VRD-RA2BE223J			AA
R823	VRD-RA2	BE472J J	4.7k 1/8W Carbon		R1053	VRD-RA2BE473J			AA
R824	VRD-RA2	BE122J J	1.2k 1/8W Carbon		R1054	VRD-RA2BE103J			AA
R825	VRD-RA2	BE560J J	56 1/8W Carbon		R1056	VRD-RA2BE103J			AA
R1001	VRD-RM21	HD101J J	100 1/2W Carbon		R1058	VRD-RA2BE473J			AA
R1002	VRD-RA2	BE102J J	1k 1/8W Carbon		R1059	VRD-RA28E473J			AA
R1003	VRD-RA2	BE472J J	4.7k 1/8W Carbon		R1060	VRS-VV3DB153J			AA
R1004	VRD-RA2		1k 1/8W Carbon		R1061	VRD-RA2BE153J			AA
R1005	VRD-RA2	BE153J J	15k 1/8W Carbon		R1062	VRD-RA2BE333J			AA
R1006	VRD-RA2	BE473J J	47k 1/8W Carbon			VRD-RA2BE333J			AA
R1008			100 1/8W Carbon			VRD-RA2BE684J			
R1009			68k 1/8W Carbon			VRD-RA2BE153J			AA
			82 1/2W Carbon			VRD-RA2BE123J			AA
R1011			1k 1/8W Carbon			VRD-RA2BE472J			AA AA
R1012			68k 1/8W Carbon	AA		VRD-RA28E822J			AA
			100 1/8W Carbon	AA		VRD-RA2BE822J			
			100 1/8W Carbon	AA		VRD-RA2BE472J			AA
			100 1/8W Carbon	AA		VRD-RA2BE472J			AA
			100 1/8W Carbon	AA					AA
			100 1/8W Carbon	AA		VRD-RAZBE681J			AA
			100 1/8W Carbon	AA		VRD-RA2BE681J			AA
			100 1/8W Carbon	AA		VRD-RA2BE223J			AA
			100 1/8W Carbon	AA		VRD-RA2BE153J			AA
			100 1/8W Carbon	AA		VRD-RA2BE183J			AA
			100 1/8W Carbon	AA		VRD-RA2BE102J			AA
			47k 1/8W Carbon	AA		VRD-RA2BE152J			AA •*•
			100k 1/8W Carbon	AA		VRD-RA2BE182J			AΆ
			56k 1/8W Carbon	AA		VRD-RA2BE272J			AA
-				~~	1001	VRD-RA2BE332J	J 3.3	k 1/8W Carbon	AA

Ref. No	Part No.	*	Description	Code	Ref. No.	Part No.	*	Description	Code
PW	B-A DUNTH	7960	OWEV2			MISCELLAN			
	MOTHE	R UNI	T (Continued	)		RBLN-0036CEZZ			AB
	DECICEOR	16-1	•		<u> </u>	QTANJ0632CEZZ			AH
	RESISTOR		•		<b>∆</b> J402	QSOCD0408CEZZ	J	Socket	AG
R1082				AA	P302	QPLGN0413GEZZ	J	Plug 4-pin, (S)	AB
R1083				AA	P303	QPLGN0213GEZZ		3 - 6 - 7 ( 7	AB
R1084				AA	P401	QPLGN0578GEZZ			AB
R1085				AA	P402	QPLGN0278GEZZ			AA
R1086				AA	P403	QPLGN0278GEZZ			AA
R1087				AA	P404	QPLGN0278GEZZ		Plug 2-pin, (CS)	AA
R1088				AA	P405	QPLGN0878GEZZ		Plug 8-pin, (SY)	AC
R1089				AA	P406	QPLGN0378GEZZ	J	Plug 3-pin, (SV)	AB
R1090				AA	P501	QPLGN0413GEZZ	J	Plug 4-pin, (VO)	AB
R1091	VRD-RA2BE473			AA	P502	QPLGN0278GEZZ	J	Plug 2-pin, (XV)	AA
R1093	VRD-RA2BE562	.5 נו	Sk 1/8W Carbon	AA	P606	QPLGN0878GEZZ	j	Plug 8-pin, (W)	AC
R1094	VRD-RA2BE392	3.5 נינ	k 1/8W Carbon	AA	P607	QPLGN0513GEZZ	J	Plug 5-pin, (XA)	AB
R1095	VRD-RA2BE683	99 נו	k 1/8W Carbon	AA	<b>⚠</b> P704	QPLGN0304CEZZ	j	Plug 3-pin, (AB)	AB
R1096	VRD-RA2BE562	J J 5.6	k 1/8W Carbon	AA	<b>⚠</b> P709	QPLGN0304CEZZ	J	Plug 3-pin, (A)	AB
R1097	VRD-RA2BE332	J J 3.3	k 1/8W Carbon	AA	P1001	QPLGN0478GEZZ	J	Plug 4-pin, (TA)	AB
R1098				AA	P1002	QPLGN0278GEZZ	J	Plug 2-pin, (TB)	AA
R1121	VRS-VV3DB472	J J 4.7	k 2W Metal Oxid	e AA	P1003	QPLGN0313GEZZ	J	Plug 3-pin, (TC)	AB
R1122	VRS-VV3DB272	J J 2.7	k 2W Metal Oxid	e AA		QPLGN0213GEZZ		Plug 2-pin, (TD)	AB
R1123	VRD-RM2HD562.	J 5.€	k 1/2W Carbon	AA	P1005	QPLGN0678GEZZ	J	Plug 6-pin, (O)	AB
R1124	VRD-RM2HD151.			AA	P1006	QPLGN0913GEZZ	J	Plug 9-pin, (RS)	AB
R1125	VRD-RA2BE332	J J 13.3	k 1/8W Carbon	AA					
R1126	VRD-RA2BE472	J J 4.7	k 1/8W Carbon	AA					
R1127	VRD-RA2BE223	J J 22	c 1/8W Carbon	AA					
R1128	VRD-RA28E563	J J 56	c 1/8W Carbon	AA					
R1129	VRD-RA2BE333	J 33	1/8W Carbon	AA					
R1130	VRD-RA2BE333	J 331	c 1/8W Carbon	AA					
R1131	VRD-RA2BE473	J 471	1/8W Carbon	AA					
R1133	VRD-RM2HD181J	J 180	1/2W Carbon	AA					
R1134	VRD-RA2BE224	J 220	k 1/8W Carbon	AA					
R1135	VRD-RA2BE103	J 10I	1/8W Carbon	AA					
R1136	VRD-RA2BE103	J 10I	1/8W Carbon	AA					
R1137	VRD-RA2BE103	J 101	1/8W Carbon	AA					
R1138	VRD-RA2BE393.	J 391	1/8W Carbon	AA		•			
	VRD-RA2BE564			AA					
	VRD-RA2BE473.			AA					
	VRD-RA2BE562.			AA					
R1152	VRD-RA2BE681.	J 680	1/8W Carbon	AA					
						•			
	RELAY ANI								
∆ RY701	RRLYZ0020CEN1		-	AN					
S401	QSW-B0015CEZZ	J Sen	vice Switch	AC					
\$501	QSW-B0018CEZZ	J Ver	tical Center Adjust.	AD					

--- End of PWB-A ----

Ref. No	) <b>.</b>	Part No.	Description	Code	Ref. No	. Part No.	*	Description	Code
PW	B-A	DUNTK79				RESISTOR			
-		MOTHER U	NIT (Continue	d)	R1026		ן נ	10k 1/8W Carbon	AA
		RESISTORS (C	Ontinued)		R1027		נוני:	3.3k 1/8W Carbon	AA
R617	VRD-		330k1/4W Carbon	AA	R1028				AA
R618			47k 1/8W Carbon	AA	R1029			220k 1/8W Carbon	AA
R620		RM2HD820J J		AA	R1030			1M 1/4W Carbon	AA
R621		RA2BE101J J		AA	R1031	*************		270k1/8W Carbon	AA
R623		RA2BE100J J		AA	R1032			5.6k 1/8W Carbon	AA
R625			15k 1/8W Carbon	AA	R1033			22k 1/8W Carbon	AA
R626		RA2BE472J J		AA	R1034				AA
R801		RA2BE392J J		AA	R1035				AA
R802		RA2BE392J J		AA	R1036			33k 1/8W Carbon	AA
R803		RA2BE392J J		AA	R1037 R1038				AA
R804			120 1/8W Carbon	ĀĀ	R1039	1110 11111202002			AA
R805		RM2HD471J J	470 1/2W Carbon	AA	R1040				AA
R806			120 1/8W Carbon	AA	R1040				AA
R807			470 1/2W Carbon	AA	R1041	VRD-RA2BE822			AA
R808			120 1/8W Carbon	AA	R1043	THE MALBETZS			AA
R809			470 1/2W Carbon	AA	R1044	VRD-RA2BE103. VRD-RA2BE562.			AA
R811			2.7k 1/8W Carbon	AA	R1045	VRD-RA2BE332			AA
R812	VRD-I	RA2BE272J J	2.7k 1/8W Carbon	AA	R1046	VRD-RA2BE822			AA
R813	VRD-F	RAZBE562J J	5.6k 1/8W Carbon	AA	R1047	VRD-RA2BE332		.3k 1/8W Carbon	AA
R814	VRD-F	RA2BE101J J	100 1/8W Carbon	AA	R1048	VRD-RA2BE392J			AA
R815	VRD-F	RA2BE750J J	75 1/8W Carbon	AA	R1049	VRD-RA2BE222J			AA
R818	VRD-F	RA2BE102J J	1k 1/8W Carbon	AA	R1050	VRD-RA2BE123J			AA
R819	VRD-F	RA2BE102J J	1k 1/8W Carbon	AA	R1051	VRD-RA2BE273J			AA AA
R822	VRD-F	RA2BE273J J	27k 1/8W Carbon	AA	R1052	VRD-RA2BE223J		2k 1/8W Carbon	AA
R823			4.7k 1/8W Carbon	AA	R1053	VRD-RA2BE473J			AA
R824			1.2k 1/8W Carbon	AA	R1054	VRD-RA2BE103J			AA
R825			56 1/8W Carbon	AA	R1056	VRD-RA2BE103J			AA
R1001			100 1/2W Carbon	AA	R1058	VRD-RA28E473J			AA
R1002		A2BE102J J		AA	R1059	VRD-RA2BE473J			AA
R1003			4.7k 1/8W Carbon	AA	R1060	VRS-VV3DB153J			
R1004			1k 1/8W Carbon	AA	R1061	VRD-RA28E153J			AA
R1005			15k 1/8W Carbon	AA	R1062	VRD-RA2BE333J	1 33	k 1/8W Carbon	AA
R1000	VKD-K	AZBE473J J	47k 1/8W Carbon	AA	R1063	VRD-RA28E333J	1 33	k 1/8W Carbon	AA
R1008	VKD-K	AZBETOTJ J	100 1/8W Carbon	AA		VRD-RA2BE684J			AA
			68k 1/8W Carbon	AA	R1065	VRD-RA2BE153J	J 15	k 1/8W Carbon	AA
			82 1/2W Carbon	AA	R1066	VRD-RA2BE123J	J 121	k 1/8W Carbon	AA
R1012	VRD-R	A2BE6021 1 4	1k 1/8W Carbon 68k 1/8W Carbon	AA	R1067	VRD-RA2BE472J	J 4.7	k 1/8W Carbon	AA
R1013	VRD-R	A28E1011 1 4	100 1/8W Carbon	AA	R1068	VRD-RA2BE822J	J 8.2	k 1/8W Carbon	AA
			100 1/8W Carbon 100 1/8W Carbon	AA	R1069	VRD-RA2BE822J	J 8.2	k 1/8W Carbon	AA
		A2BE101) ] 1		AA	R1070	VRD-RA2BE472J	J 4.7	k 1/8W Carbon	AA
		A2BE101J J 1		AA		VRD-RA2BE472J			AA
		A2BE101J J 1		AA		VRD-RA2BE681J			AA
		A2BE101) 1		AA	R1073	VRD-RA2BE681J	J 680	1/8W Carbon	AA
		A2BE101) ) 1		AA	R1074	VRD-RA2BE223J	J 22k	1/8W Carbon	AA
R1020	VRD-RA	A2BE101) 1	00 1/9W/ Carbon	AA	R1075	VRD-RA2BE153J	j 15k	1/8W Carbon	AA
R1021	VRD-RA	A2BE1011 1 1	00 1/8W/ Carbon	AA	R1076	VRD-RA2BE183J	J 18k	1/8W Carbon	AA
R1022	VRD-RA	A2BE1011 1 1	00 1/8W Carbon	AA	R1077	VRD-RA2BE102J	J 1k	1/8W Carbon	AA
R1023	VRD-RA	A2BE473J J 4	7k 1/8W Carbon	AA	R1078	VRD-RA2BE152J	J 1.5k	c 1/8W Carbon	AA
R1024	VRD-RA	A2BE104J J 1	OOK 1/8W/ Carbon	AA	R1079	VRD-RA2BE182J	J 1.8k	1/8W Carbon	AA
R1025	VRD-RA	A2BE5631 1 5	6k 1/8W Carbon	AA	K1080 \	VRD-RA2BE272J	J 2.7k	1/8W Carbon	AA
			ITOTT COLUCIT	AA	K1081 \	VRD-RA2BE332J	1 2 26	4 (D) A ( C 1 -	AA

Ref. No.	Part No.	*	Description	Code	Ref. No.	Part No.	*	Description	Code
PW	B-A DUNTK	7960'	WEV2			MISCELLANI	EC	US PARTS	
	MOTHER	UNIT	(Continued)	)	FB1001	RBLN-0036CEZZ	J	Ferrite Bead	AB
					<b>⚠</b> J401	QTANJ0632CEZZ	J	Jack, A/V	AH
	RESISTORS	(Conti	nued)		<b>∆</b> J402	QSOCD0408CEZZ	J	Socket	AG
R1082	VRD-RA2BE473.	I J 47k	1/8W Carbon	AA	P302	QPLGN0413GEZZ	J	Plug 4-pin, (S)	AB
R1083	VRD-RA2BE472.	I J 4.7	1/8W Carbon	AA	P303	QPLGN0213GEZZ	J	Plug 2-pin, (XS)	AB
R1084	VRD-RA2BE563.	J 56k	1/8W Carbon	AA	P401	QPLGN0578GEZZ	J	Plug 5-pin, (KY)	AB
R1085	VRD-RA28E563.	J 56k	1/8W Carbon	AA	P402	QPLGN0278GEZZ	J	Plug 2-pin, (CC)	AA
R1086	VRD-RA2BE103.	J 10k	1/8W Carbon	AA	P403	QPLGN0278GEZZ	j	Plug 2-pin, (CP)	AA
R1087	VRD-RA2BE822.		1/8W Carbon	AA	P404	QPLGN0278GEZZ	J	Plug 2-pin, (CS)	AA
R1088	VRD-RA2BE393.	J 39k	1/8W Carbon	AA	P405	QPLGN0878GEZZ	j	Plug 8-pin, (SY)	AC
R1089	VRD-RAZBE822	J 8.2k	1/8W Carbon	AA	P406	QPLGN0378GEZZ	J	Plug 3-pin, (SV)	AB
R1090	VRD-RA2BE473	J 47k	1/8W Carbon	AA	P501	QPLGN0413GEZZ	J	Plug 4-pin, (VO)	AB
R1091	VRD-RA2BE473	J 47k	1/8W Carbon	AA	P502	QPLGN0278GEZZ	J	Plug 2-pin, (XV)	AA
R1093	VRD-RA2BE562	J 5.6k	1/8W Carbon	AA	P606	QPLGN0878GEZZ	J	Plug 8-pin, (W)	AC
R1094	VRD-RA2BE392	J 3.9k	1/8W Carbon	AA	P607	QPLGN0513GEZZ	j	Plug 5-pin, (XA)	AB
R1095	VRD-RA2BE683	J 68k	1/8W Carbon	AA	<b>⚠</b> P704	QPLGN0304CEZZ	J	Plug 3-pin, (AB)	AB
R1096	VRD-RA2BE562J	J 5.6k	1/8W Carbon	AA	<b>⚠</b> P709	QPLGN0304CEZZ	j	Plug 3-pin, (A)	AB
R1097	VRD-RA2BE332J	J 3.3k	1/8W Carbon	AA	P1001	QPLGN0478GEZZ	j	Plug 4-pin, (TA)	AB
R1098	VRD-RA2BE562J	J 5.6k	1/8W Carbon	AA	P1002	QPLGN0278GEZZ	j	Plug 2-pin, (TB)	AA
R1121	VRS-VV3DB472J	J 4.7k	2W Metal Oxide	AA s	P1003	QPLGN0313GEZZ		Plug 3-pin, (TC)	AB
R1122	VRS-VV3DB272J	J 2.7k	2W Metal Oxide	AA s	P1004	QPLGN0213GEZZ	j	Plug 2-pin, (TD)	AB
R1123	VRD-RM2HD562J	J 5.6k	1/2W Carbon	AA	P1005	QPLGN0678GEZZ		Plug 6-pin, (O)	AB
R1124	VRD-RM2HD151J	J 150	1/2W Carbon	AA	P1006	QPLGN0913GEZZ		Plug 9-pin, (RS)	AB
R1125	VRD-RA2BE332J	J 13.3k	1/8W Carbon	AA		•		,	,
R1126	VRD-RA2BE472J	J 4.7k	1/8W Carbon	AA					
R1127	VRD-RA2BE223J	J 22k	1/8W Carbon	AA					
R1128	VRD-RAZBE563J	J 56k	1/8W Carbon	AA					
R1129	VRD-RA2BE333J	J 33k	1/8W Carbon	AA					
R1130	VRD-RA2BE333J	J 33k	1/8W Carbon	AA					
R1131	VRD-RA2BE473J	J 47k	1/8W Carbon	AA					
R1133	VRD-RM2HD181J	J 180	1/2W Carbon	AA					
R1134	VRD-RA28E224J		1/8W Carbon	AA					
R1135	VRD-RA2BE103J			AA					
R1136	VRD-RA2BE103J			AA					
R1137	VRD-RA2BE103J			AA					
R1138	VRD-RA2BE393J			AA					
	VRD-RA2BE564J			AA					
	VRD-RA2BE473J			AA					
	VRD-RA2BE562J			AA					
	VRD-RA2BE681J			AA					
	RELAY AND	SWITC	HES						
<b>⚠</b> RY701	RRLYZ0020CEN1	J Powe	er Relay	AN					
\$401	QSW-B0015CEZZ			AC					
	QSW-B0018CEZZ			AD					

— End of PWB-A —

Ref. No.	Part N	No. *	Description	Code	Ref. No	. Part No.	ł	Descrip	ption	Code
PWI	B-B DI	JNTK7959	WEV1			COILS AND	ΓR.A	ANSFORME	RS	
			POWER UN	IT	L601	VP-CF390K0000				AB
					L602	RCILZ0797CEZ				AK
		EGRATED CIF			L605	RCILP0087CEZZ				ΑE
IC601		58P//-1 J LN	//358P	AC	L606	RCILZ0593CEZZ	ZJ			AH
<b>∆</b> IC701		6309-1 3		AU	L711	RCILPO106CEZZ		3		AE
<b>∆</b> IC702		12CEZZ J		AF	L712	RCILP0106CEZZ		Peaking Coil		AE
<b>∆</b> IC703		10N//-1 J SE		AG	L713	RCiLP0106CEZZ		3		AE
IC2603	VHITA78	1125/-1 J TA	\7812S	AD	<b>⚠</b> L2701					AQ
					<b>△</b> L2703					AQ
					<b>⚠</b> T601	RTRNZ0343CEN1				AG
			_		<b>⚠</b> T602	RTRNF1892CEZZ		•		BE
A		TRANSISTO			<b>⚠</b> T2701	RTRNZ0505CEZZ	J	Regulator Tra	ans.	BA
<b>∆</b> Q605		54//1E J 2S		AL						
<b>∆</b> Q615		15Y/1E J 2S		AC						
<b>∆</b> Q701		5AP/-1 J 2S		AB						
		55//1E J 2S		AP						
		28Y/1E J 2S		AD		CAPA				
Q2603	V S 2 S C 9 4	5AP/-1 J 2S	C945AP	AB	C602	VCKYPA2HB472K				AB
					C605	VCKYPA1HB102K				AA
					C608	VCFPPC2DB224J				
		210224			<b>⚠</b> C609	VCFPPD3CA562H				
200		DIODES			<b>△</b> C610	VCFPPD3CA472H				
D609	RH-DX013			AE	C614	VCFYHA1HA104J			/I. Polyeste	
D615		19//1E J 1S	-	AA	C615	VCFPPD2D8474J				
D616		19//1E J 1S		AA	C616	VCFPPC3CA152H				
D617		19//1E J 1S		AA	C617	VCFPPD3CA222H				er AE
D619		19//1E J 1S		AA	C618	VCKYPA2HB102K				AA
D620		19//1E J 1SS		AA	C619	VCEAGA2EW336M			lectrolytic	AD
D621		S1CEZZ J Zei	ner Diode	AB	C620	VCKYPA2HB102K				AA
<u> </u>	RH-DX033			AH	C621	VCEAGA1VW108M			lectrolytic	AD
<b>⚠</b> D707	RH-DX020			AD	C622	VCFYHA1HA104J			1. Polyeste	r AB
<b>∆</b> D708		19//1E J 155	119	AA	C624	VCEAGA1EW107M			lectro lytic	AD
<b>⚠</b> D710	RH-DX016			AC		VCEAGA1HW104M			lectro lytic	
D711	RH-DX038			AD	C653	RC-EZ0322CEZZ				AE
D712	RH-DX024	_		AF	C657	RC-KZ0029CEZZ				AC
D714	RH-DX024			AF	C658	VCFYSB2EB224K			l. Poly este	r AD
<b>⚠</b> D715		2CEZZ J Zer	ner Diode	AE	C659	VCEAGA1HW106M			ectro lytic	
<b>⚠</b> D730	RH-DX002			AE	C661	VCEAGA0JW337M				
	RH-DX006 RH-DX007			AD	C662	VCEAGA1EW477M			ectro lytic	
	RH-DX007			AD	C663	VCEAGA1CW337M			ectro lytic	
	RH-DX012			AC		RC-EZ0358CEZZ				
		2CEZZ J Var	irta	AE	<b>⚠</b> C704	RC-KZ0029CEZZ				AC
777 AYYO 1	NH-VXUU2	ZCEZZ J Var	istor	AD	<b>⚠</b> C705	RC-KZ0029CEZZ				AC
					<b>⚠</b> C706	VCEAGA1HW227M				AC
					<b>⚠</b> C707	VCQYTA1HM222J				AA
		THERMICTOR	r		<b>⚠</b> C708	RC-KZ0024CEZZ				AC
TUEN1		THERMISTOR			<b>⚠</b> C710	VCSATA1VE106K				AE
111001	NH-H2000	6CEZZ J The	rmistor	AB	<b>⚠</b> C711	VCKYPA2HB102K				AA
					<b>∆</b> C712	VCEAGA1EW107M				AD
					<b>△</b> C713	VCQPSC2JA333K				AB
	DAC	CKAGED CIRC	шт		<b>⚠</b> C714	VCKYPH3DB561K				AC
<b>1</b> PR701		2CEZZ J Posi			<b>↑</b> C717	VCFYHA1HA563J			•	-
די נעיסו	NIVIE I FUUD			AH		VCFYHA1HA104J			Poly@ster	AB
		ine	rmistor		<b>⚠</b> C721	RC-KZ0025CEZZ	1 6	800n2kV Cer	ramic	AC

Ref. No.	Part No.	1	+	Des	cription	Code	Ref. No.	٠.	Part No.	1	۲	Desc	cription	Code
PW	B-B DUNTK	79	959	WE	V1				RESISTOR	s (	Cont	inue	d)	
DEF	LECTION / POW	ΕF	NU S	IIT (	Continue	d)	<u> </u>	٧	RD-RM2HD154J	J	150	k 1/2W	/ Carbon	AA
<del></del>		-							RS-SV3LB333.			3W	Metal Oxide	AC
	CAPACITORS	_			•		<b>⚠</b> R718		RS-SV3LB390			3W	Metal Oxide	AC
C722	RC-KZ0024CEZZ					AC	<b>⚠ R722</b>		RD-RM2HD821J					AA
C723	VCKYPA2HB102K					AA	<b>⚠</b> R724		RC-UA2HG825K					AA
C725	VCKYPA2HB102K					AA	<b>⚠</b> R725		RC-UA2HG825K					AA
C726 C727	RC-EZOO70CEZZ				V Electrolytic		R726		RD-RM2HD223J					AA
C727	RC-EZ0322CEZZ						R727		RN-VV3DB1R2J				Metal Film	AA
C730	RC-EZ0322CEZZ						<u> </u>		R-DZ0013CEZZ				Special	AD
C731	RC-EZ0322CEZZ				V Electrolytic		<u> </u>		RD-RM2HD471J					AA
C731	RC-EZ0322CEZZ				•		⚠ R730		RD-RM2HD564J					AA
C732	RC-KZ0029CEZZ				iOV Ceramic	AE AC	⚠ R731		RD-RM2HD470J RG-RF2EB1R0J				Carbon	AA
<b>△ C735</b>	VCFYHA1HA104J				/ M. Polyeste		<u> </u>		RD-RM2HD121J				Fuse Resistor	
<b>△ C737</b>	RC-KZ0025CEZZ				/ Ceramic	AC	R736							AA
C2601	VCKYPA1HF103Z			•	/ Ceramic	AA	R740		RN-KT3LB1R5J RN-VV3DB1R2J				Metal Film	AC
C2603	VCKYPA2HB221K					AA	R2601		RD-RM2HD470J	-	1.2 47		Metal Film	AA
C2604	VCEAGA1EW227M				/ Electrolytic		R2602		RD-RM2HD820J	_			Carbon	AA
C2607	VCFPPC2DB274J		_		V M. Polyeste		R2603		RW-KX3HC470K				Carbon	AA
<b>⚠</b> C2701	RC-FZ0010GEZZ				V M. Polyeste		R2604		RD-RAZEE221J				Cement	AC
<b>△ C2702</b>	VCFYSB2EB224K				•		R2605		RD-RAZEE471J					AA AA
		Ī	0.22		· · · · · · · · · · · · · · · · · · ·		R2606		RD-RAZEE102J				Carbon	AA
							R2607		RD-RA2BE101J					AA
							R2608		RD-RA2BE472J					AA
	RESIS	T	ORS				<b>∕</b> \ R2612		RG-RF2HB220J				Fuse Resistor	AB
R619	VRD-RM2HD331J	J	330	1/2W	Carbon	AA	R2613		RS-VV3DB680J					AA
R622	VRD-RA2BE104J	J	1001	c 1/8W	Carbon	AA	R2614		-WZ0141CEZZ				Cement	AE
R624	VRD-RAZEE125J	j	1.2N	/1/4W	Carbon	AA	R2615		RS-VV3DB470J					AA
R627	VRD-RA2BE564J	J	560k	c 1/8W	Carbon	AA	<b>△</b> R2616	VF	RG-RF2HB1R0J	j	1		Fuse Resistor	
R628	VRD-RA2BE103J	j	10k	1/8W	Carbon	AA	<b>⚠</b> R2617		RG-RF2HB3R3J				Fuse Resistor	
⚠ R631	VRG-RF2EB470J	j	47	1/4W	Carbon	AB	R2618	VR	D-RAZEE471J	J				AA
R668	VRD-RM2HD102J	J	1k	1/2W	Carbon	AA	R2619	VR	RS-VV3DB561J	J	560	2W	Metal Oxide	AA
R669	VRD-RM2HD152J	J	1.5k	1/2W	Carbon	AA	R2620	VR	D-RAZEE560J	1			Carbon	AA
R670	VRD-RM2HD152J	j	1.5k	1/2W	Carbon	AA	R2621	VR	D-RA2BE153J	J	15k	1/8W	Carbon	AA
R671	VRS-SU2HB102J	J	1k	1/2W	Metal Oxide	AA	R2623	VR	D-RA2EE564J	j	560k	1/4W	Carbon	AA
R672	VRD-RA2EE393J	j	3 <b>9</b> k	1/4W	Carbon	AA	R2625	VR	D-RAZEE564J	J	560k	1/4W	Carbon	AA
R673	VRD-RA2BE103J					AA	R2626	VR	D-RA2BE272J	J	2.7k	1/8W	Carbon	AA
R674	VRD-RM2HD102J					AA								
R675	VRD-RA2EE103J					AA								
R676	VRD-RAZEE101J					AA								
R677	VRN-VV3LB1R8J					AC			MISCELLAN					
R678	VRS-VV3LB222J					AB	<u> </u>		S-C5022CEZZ					AD
R686	VRD-RAZEE101J					AA			SHD1002CEZZ					AA
⚠ R691	VRN-VV3DB1R0J				Metal Film	AB			LN-0037CEZZ					AB
<b>⚠</b> R692	VRD-RA2BE103J					AA			LN-0010CEZZ					AC
<b>⚠</b> R693	VRD-RA2BE272J					AA	FB603		LN-0037CEZZ					AB
R694	VRS-VV3DB220J								LN-0010CEZZ					AC
⚠ R701	RR-WZ0139CEZZ					AE			LN-0037CEZZ					AB
<b>⚠</b> R702 <b>⚠</b> R703	RR-WZ0139CEZZ					AE			LN-0037CEZZ					AB
<b>⚠</b> R705	VRD-RM2HD391J					AA			LN-0037CEZZ					AB
<b>⚠</b> R710	VRD-RM2HD564J					AA			LN-0037CEZZ					AB
<u>∧</u> R711	RR-WZ0140CEZZ VRW-KX3HC180K					AC			LN-0037CEZZ					AB
	VRD-RM2HD154J					AC AA			LN-0037CEZZ					AB AB
		-	. 501	., 2. 44	Caroun	~~	10/11	1, 0	LN-0037CEZZ	J	rerriti	e oead		AB

↑ Q2802 VS2SC4544LB1E J 2SC4544LB AD R2820 VRS-VV3DB183J J 18k 2W Metalo	ic AA
MISCELLANEOUS PARTS (Continued)  A F8712 RBLN-0037CEZZ J Ferrite Bead AB C2804 VCKYPA1HB391K J 390p 50V Cera P601 QPLGN0878GEZZ J Plug 8-pin, (W) AC C2805 VCKYPA1HB391K J 330p 50V Cera P602 QPLGN0878GEZZ J Plug 4-pin, (VO) AB C2806 VCKYAT1HB221K J 220p 50V Cera P603 QPLGN0413GEZZ J Plug 4-pin, (VO) AB C2807 VCEAGAZEW106M J 10 250V Elect P604 QPLGN0505CEZZ J Plug 3-pin, (K) AB C2809 RC-KZ0029CEZZ J 0.01 2kV Cera P605 QPLGN0313GEZZ J Plug 3-pin, (K) AB C2809 RC-KZ0029CEZZ J 0.01 2kV Cera P605 QPLGN0313GEZZ J Plug 3-pin, (K) AB C2809 RC-KZ0029CEZZ J 0.01 2kV Cera P702 QPLGN0513GEZZ J Plug 3-pin, (AC) AB C2800 VCKYPA1HB561K J 560p 50V Cera P703 QPLGN0513GEZZ J Plug 3-pin, (AC) AB P705 QPLGN0304CEZZ J Plug 3-pin, (AC) AB RESISTORS RESISTORS QPLGN0304CEZZ J Plug 3-pin, (AC) AB R2801 VRD-RA2BE470J J 47 1/8W Carbon R2807 VRD-RA2BE470J J 47 1/8W Carbon R2807 VRD-RA2BE470J J 47 1/8W Carbon R2809 VRD-RA2BE470J J 47 1/8W Carbon R2800 VRD-RA2BE470J J 47 1/8W Carbon R2807 VRD-RA2BE151J J 150 1/8W Carbon R2807 VRD-RA2BE391J J 390 1/8W Carbon R2817 VRD-RA2BE39	AA AA AA AA AA
MISCELLANEOUS PARTS (Continued)	AA AA AA AA AA
A FB712	c AA c AA lytic AC c AA AA AA AA AA
P601 QPLGN0878GEZZ J Plug 8-pin, (W) AC C2805 VCKYAT1H8221K J 220p 50V Cera P602 QPLGN0278GEZZ J Plug 2-pin, (XV) AA C2806 VCKYAT1H8221K J 220p 50V Cera P603 QPLGN0413GEZZ J Plug 4-pin, (VO) AB C2807 VCEAGAZEW106M J 10 250V Elect P604 QPLGN0505CEZZ J Plug 5-pin, (K) AB C2809 RC-KZ0029CEZZ J 0.01 2kV Ceram P605 QPLGN0313GEZZ J Plug 3-pin, (H) AB C2810 VCKYPA1H8561K J 560p 50V Cera P605 QPLGN0213GEZZ J Plug 2-pin, (XS) AB P703 QPLGN0213GEZZ J Plug 3-pin, (AC) AB P705 QPLGN0304CEZZ J Plug 3-pin, (AC) AB P707 QPLGN0304CEZZ J Plug 3-pin, (AC) AB R2801 VRD-RA28E470J J 47 1/8W Carbon R2804 VRD-RA28E470J J 47 1/8W Carbon R2804 VRD-RA28E470J J 47 1/8W Carbon R2804 VRD-RA28E470J J 47 1/8W Carbon R2805 VRD-RA28E470J J 47 1/8W Carbon R2806 VRD-RA28E151J J 150 1/8W Carbon R2809 VRD-RA28E391J J 390 1/8W Carbon R2801 VRD-RA28E391J J 390 1/8W Carbon R2811 See Controls R2	c AA lytic AC c AA AA AA AA AA AA
P602 QPLGN0278GEZZ J Plug 2-pin, (XV) AA C2806 VCKYAT1HB221K J 220p 50V Cera P603 QPLGN0413GEZZ J Plug 4-pin, (VO) AB C2807 VCEAGAZEW106M J 10 250V Elect P604 QPLGN0505CEZZ J Plug 5-pin, (K) AB C2809 RC-KZ0029CEZZ J 0.01 2kV Ceram P605 QPLGN0313GEZZ J Plug 3-pin, (H) AB C2810 VCKYPA1HB561K J 560p 50V Cera P702 QPLGN0213GEZZ J Plug 3-pin, (XA) AB P705 QPLGN0314CEZZ J Plug 3-pin, (AC) AB P707 QPLGN0304CEZZ J Plug 3-pin, (AC) AB P708 QPLGN0207CEZZ J Plug 3-pin, (AC) AB P709 QPLGN0304CEZZ J Plug 3-pin, (AB) AB R2802 VRD-RA28E470J J 47 1/8W Carbon R2804 VRD-RA28E470J J 47 1/8W Carbon R2805 VRD-RA28E470J J 47 1/8W Carbon R2806 VRD-RA28E470J J 47 1/8W Carbon R2806 VRD-RA28E470J J 47 1/8W Carbon R2806 VRD-RA28E151J J 150 1/8W Carbon R2807 VRD-RA28E151J J 150 1/8W Carbon R2807 VRD-RA28E151J J 150 1/8W Carbon R2807 VRD-RA28E391J J 390 1/8W Carbon R2807 VRD-RA28E391J J 390 1/8W Carbon R2810 VRD-RA28E391J J 390 1/8W Carbon R2811 See Controls R2812 VRD-RA28E391J J 18k 2W Metal0 R2822 VRS-V30B183J J 18k 2W Metal0 R2822 VRS-V30B183J J 18k 2W Metal0 R2822 VRS-V30B183J J 18k 2W Metal0 R2822 VRS-M24B16 J 220k1/2W Solid	c AA lytic AC c AA AA AA AA AA
P603	lytic AC AA AA AA AA AA
P604 QPLGN0505CEZZ J Plug 3-pin, (K) AB C2809 RC-KZ0029CEZZ J 0.01 2kV Ceram P605 QPLGN0313GEZZ J Plug 3-pin, (H) AB C2810 VCKYPA1HB561K J 560p 50V Ceram P605 QPLGN0313GEZZ J Plug 2-pin, (XS) AB P703 QPLGN0513GEZZ J Plug 2-pin, (XA) AB P705 QPLGN0304CEZZ J Plug 3-pin, (AD) AB P707 QPLGN0304CEZZ J Plug 3-pin, (AC) AB RESISTORS P708 QPLGN0207CEZZ J Plug 3-pin, (AC) AB R2801 VRD-RA2BE470J J 47 1/8W Carbon R2803 VRD-RA2BE470J J 47 1/8W Carbon R2804 VRD-RA2BE470J J 47 1/8W Carbon R2805 VRD-RA2BE470J J 47 1/8W Carbon R2806 VRD-RA2BE470J J 47 1/8W Carbon R2807 VRD-RA2BE151J J 150 1/8W Carbon R2808 VRD-RA2BE151J J 150 1/8W Carbon R2809 VRD-RA2BE151J J 150 1/8W Carbon R2801 VRD-RA2BE151J J 150 1/8W Carbon R2811 See Controls R2811 See Controls R2812 See Controls R2814 VRD-RA2BE391J J 390 1/8W Carbon R2815 See Controls R2817 See Controls R2817 See Controls R2818 See Controls R2817 See Controls R2818 See Controls R2819 VRD-RA2BE391J J 390 1/8W Carbon R2810 VRD-RA2BE391J J 390 1/	AA AA AA AA
P605 QPLGN0313GEZZ J Plug 3-pin, (H) AB C2810 VCKYPA1H8561K J 560p 50V Cerai P702 QPLGN0213GEZZ J Plug 2-pin, (XS) AB P703 QPLGN0513GEZZ J Plug 3-pin, (AD) AB AP705 QPLGN0304CEZZ J Plug 3-pin, (AC) AB AP707 QPLGN0304CEZZ J Plug 3-pin, (AC) AB P708 QPLGN0207CEZZ J Plug 3-pin, (AB) AB R2801 VRD-RA28E470J J 47 1/8W Carbon R2803 VRD-RA28E470J J 47 1/8W Carbon R2804 VRD-RA28E470J J 47 1/8W Carbon R2805 VRD-RA28E470J J 47 1/8W Carbon R2806 VRD-RA28E470J J 47 1/8W Carbon R2807 VRD-RA28E151J J 150 1/8W Carbon R2807 VRD-RA28E151J J 150 1/8W Carbon R2808 VRD-RA28E151J J 150 1/8W Carbon R2809 VRD-RA28E151J J 150 1/8W Carbon R2811 See Controls R2811 See Controls R2812 See Controls R2814 VRD-RA28E391J J 390 1/8W Carbon R2815 VRD-RA28E391J J 390 1/8W Carbon R2816 See Controls R2817 See Controls R2817 See Controls R2817 See Controls R2818 VRD-RA28E391J J 390 1/8W Carbon R2810 VS25C4544LB1E J 25C4544LB AD R2820 VRS-VV3DB183J J 18k 2W Metal Q Q2803 VS25C4544LB1E J 25C4544LB AD R2820 VRS-VV3DB183J J 18k 2W Metal Q R2820 VS25C4544LB1E J 25C4544LB AD R2820 VRS-VV3DB183J J 18k 2W Metal Q R2820 VSC-MA2HG224K J 220k1/2W Solid	AA AA AA AA
P702 QPLGN0213GEZZ J Plug 2-pin, (XS) AB P703 QPLGN0513GEZZ J Plug 3-pin, (AD) AB  AP705 QPLGN0304CEZZ J Plug 3-pin, (AC) AB AP707 QPLGN0304CEZZ J Plug 2-pin, (AC) AB AP708 QPLGN0207CEZZ J Plug 2-pin, (AB) AB AP709 QPLGN0304CEZZ J Plug 2-pin, (AB) AB AP700 QPLGN0304CEZZ J Plug 2-pin, (AD) AB AP700 QPLGN0304CEZZ J Plug 3-pin, (AD) AB AP700 QPLGN0304CEZZ J Plug 3-p	AA AA AA AA
P703 QPLGN0513GEZZ J Plug 5-pin, (XA) AB	AA AA AA
A P705       Q PLGN0304CEZZ J Plug 3-pin, (AD)       AB       RESISTORS         A P707       Q PLGN0304CEZZ J Plug 3-pin, (AC)       AB       R2801       V RD-RA2BE470 J J 47       1/8W Carbon         A P710       Q PLGN0304CEZZ J Plug 3-pin, (AB)       AB       R2802       V RD-RA2BE470 J J 47       1/8W Carbon         R2803       V RD-RA2BE470 J J 47       1/8W Carbon       R2804       V RD-RA2BE470 J J 47       1/8W Carbon         R2804       V RD-RA2BE470 J J 47       1/8W Carbon       R2805       V RD-RA2BE470 J J 47       1/8W Carbon         R2805       V RD-RA2BE470 J J 47       1/8W Carbon       R2806       V RD-RA2BE470 J J 47       1/8W Carbon         R2806       V RD-RA2BE470 J J 47       1/8W Carbon       R2806       V RD-RA2BE470 J J 47       1/8W Carbon         R2807       V RD-RA2BE470 J J 47       1/8W Carbon       R2806       V RD-RA2BE151 J J 150       1/8W Carbon         R2808       V RD-RA2BE151 J J 150       1/8W Carbon       R2811       See Controls         R2811       See Controls       R2811       See Controls         R2813       V RD-RA2BE39 J J 390       1/8W Carbon         R2814       V RD-RA2BE39 J J 390       1/8W Carbon         R2815       See Controls         R2816	AA AA AA
↑ P707	AA AA AA
↑ P708	AA AA AA
P710 QPLGN0304CEZZ J Plug 3-pin, (AB) AB R2802 VRD-RA2BE470J J 47 1/8W Carbon R2803 VRD-RA2BE470J J 47 1/8W Carbon R2805 VRD-RA2BE470J J 47 1/8W Carbon R2806 VRD-RA2BE470J J 47 1/8W Carbon R2807 VRD-RA2BE470J J 47 1/8W Carbon R2807 VRD-RA2BE470J J 47 1/8W Carbon R2808 VRD-RA2BE470J J 47 1/8W Carbon R2809 VRD-RA2BE151J J 150 1/8W Carbon R2809 VRD-RA2BE151J J 150 1/8W Carbon R2809 VRD-RA2BE151J J 150 1/8W Carbon R2801 VRD-RA2BE151J J 150 1/8W Carbon R2811 See Controls R2811 See Controls R2813 VRD-RA2BE391J J 390 1/8W Carbon R2814 VRD-RA2BE391J J 390 1/8W Carbon R2815 VRD-RA2BE391J J 390 1/8W Carbon R2816 See Controls R2817 See Controls R2817 See Controls R2818 VRS-V3DB183J J 18k 2W Metal 0 R2820 VS2SC4544LB1E J 2SC4544LB AD R2820 VRS-V3DB183J J 18k 2W Metal 0 R2822 VRS-V3DB183J J 18k 2W Metal 0 R2822 VRS-W3DB183J J 220k1/2W Solid	AA AA AA
R2803	AA AA AA
R2804 VRD-RA2BE470J J 47 1/8W Carbon R2805 VRD-RA2BE470J J 47 1/8W Carbon R2806 VRD-RA2BE151J J 150 1/8W Carbon R2807 VRD-RA2BE151J J 150 1/8W Carbon R2809 VRD-RA2BE151J J 150 1/8W Carbon R2809 VRD-RA2BE151J J 150 1/8W Carbon R2809 VRD-RA2BE151J J 150 1/8W Carbon R2801 VRD-RA2BE151J J 150 1/8W Carbon R2811 See Controls R2811 See Controls R2811 VRD-RA2BE391J J 390 1/8W Carbon R2811 VRD-RA2BE391J J 390 1/8W Carbon R2814 VRD-RA2BE391J J 390 1/8W Carbon R2814 VRD-RA2BE391J J 390 1/8W Carbon R2815 VRD-RA2BE391J J 390 1/8W Carbon R2816 See Controls R2817 See Controls R2817 See Controls R2818 See Controls R2819 VRS-VV3DB183J J 18k 2W Metal OR R2800 VS2SC4544LB1E J 2SC4544LB AD R2820 VRS-VV3DB183J J 18k 2W Metal OR R2822 VRC-MA2HG224K J 220k1/2W Solid	AA AA
R2805 VRD-RA2BE470J J 47 1/8W Carbon R2806 VRD-RA2BE470J J 47 1/8W Carbon R2807 VRD-RA2BE151J J 150 1/8W Carbon R2808 VRD-RA2BE151J J 150 1/8W Carbon R2809 VRD-RA2BE151J J 150 1/8W Carbon R2810 VRD-RA2BE151J J 150 1/8W Carbon R2811 See Controls R2811 See Controls R2812 See Controls R2813 VRD-RA2BE391J J 390 1/8W Carbon R2814 VRD-RA2BE391J J 390 1/8W Carbon R2814 VRD-RA2BE391J J 390 1/8W Carbon R2814 VRD-RA2BE391J J 390 1/8W Carbon R2815 VRD-RA2BE391J J 390 1/8W Carbon R2816 See Controls R2817 See Controls R2816 See Controls R2817 See Controls R2817 See Controls R2818 See Controls R2819 VRS-VV3DB183J J 18k 2W Metal Of R2802 VS2SC4544LB1E J 2SC4544LB AD R2820 VRS-VV3DB183J J 18k 2W Metal Of R2820 VRS-VV3DB183J J 18k 2W Metal Of R2822 VRC-MA2HG224K J 220k1/2W Solid	AA
R2806 VRD-RA28E470J J 47 1/8W Carbon R2807 VRD-RA28E151J J 150 1/8W Carbon R2808 VRD-RA28E151J J 150 1/8W Carbon R2809 VRD-RA28E151J J 150 1/8W Carbon R2809 VRD-RA28E151J J 150 1/8W Carbon R2810 VRD-RA28E151J J 150 1/8W Carbon R2811 See Controls R2812 See Controls R2813 VRD-RA28E391J J 390 1/8W Carbon R2814 VRD-RA28E391J J 390 1/8W Carbon R2815 VRD-RA28E391J J 390 1/8W Carbon R2816 VRD-RA28E391J J 390 1/8W Carbon R2817 See Controls R2817 See Controls R2818 See Controls R2818 See Controls R2818 See Controls R2818 See Controls R2819 VRS-VV3DB183J J 18k 2W Metal 0 R2802 VS2SC4544LB1E J 2SC4544LB AD R2820 VRS-VV3DB183J J 18k 2W Metal 0 R2803 VS2SC4544LB1E J 2SC4544LB AD R2821 VRS-VV3DB183J J 18k 2W Metal 0 R2803 VS2SC4544LB1E J 2SC4544LB AD R2821 VRS-VV3DB183J J 18k 2W Metal 0 R2822 VRC-MA2HG224K J 220k1/2W Solid	
R2807 VRD-RA2BE151J J 150 1/8W Carbon R2808 VRD-RA2BE151J J 150 1/8W Carbon R2809 VRD-RA2BE151J J 150 1/8W Carbon R2810 VRD-RA2BE151J J 150 1/8W Carbon R2811 See Controls R2811 See Controls R2811 See Controls R2813 VRD-RA2BE391J J 390 1/8W Carbon R2814 VRD-RA2BE391J J 390 1/8W Carbon R2814 VRD-RA2BE391J J 390 1/8W Carbon R2814 VRD-RA2BE391J J 390 1/8W Carbon R2815 VRD-RA2BE391J J 390 1/8W Carbon R2816 See Controls R2817 See Controls R2818 See Controls R2819 VRS-VV3DB183J J 18k 2W Metal 0 R2802 VS2SC4544LB1E J 2SC4544LB AD R2820 VRS-VV3DB183J J 18k 2W Metal 0 R2803 VS2SC4544LB1E J 2SC4544LB AD R2821 VRS-VV3DB183J J 18k 2W Metal 0 R2822 VRC-MA2HG224K J 220k1/2W Solid	AA
R2808 VRD-RA2BE151J J 150 1/8W Carbon R2809 VRD-RA2BE151J J 150 1/8W Carbon R2809 VRD-RA2BE151J J 150 1/8W Carbon R2810 VRD-RA2BE151J J 150 1/8W Carbon R2811 See Controls R2811 See Controls R2812 See Controls R2813 VRD-RA2BE391J J 390 1/8W Carbon R2814 VRD-RA2BE391J J 390 1/8W Carbon R2814 VRD-RA2BE391J J 390 1/8W Carbon R2815 VRD-RA2BE391J J 390 1/8W Carbon R2816 See Controls R2816 See Controls R2817 See Controls R2818 See Controls R2818 See Controls R2819 VRS-VV3DB183J J 18k 2W Metal 0 R2800 VS2SC4544LB1E J 2SC4544LB AD R2820 VRS-VV3DB183J J 18k 2W Metal 0 R2803 VS2SC4544LB1E J 2SC4544LB AD R2821 VRS-VV3DB183J J 18k 2W Metal 0 R2822 VRC-MA2HG224K J 220k1/2W Solid	
R2809	AA
## PWB-C DUNTK7958WEV1 CRT Socket Unit  TRANSISTORS  ↑ Q2801 V\$2\$C4544LB1E J 2\$C4544LB ↑ Q2803 V\$2\$C4544LB1E J 2\$C4544LB ↑ Q2804 V\$2\$C4544LB1E J 2\$C4544LB ↑ Q2805 V\$2\$C4544LB1E J 2\$C4544LB ↑ Q2806 Q2	AA
## PWB-C DUNTK7958WEV1 CRT Socket Unit  TRANSISTORS  A Q2801 V\$2\$C4544LB1E J 2\$C4544LB  A Q2803 V\$2\$C4544LB1E J 2\$C4544LB  R2811 See Controls  R2812 See Controls  R2813 VRD-RA2BE391J J 390 1/8W Carbon  R2814 VRD-RA2BE391J J 390 1/8W Carbon  R2815 VRD-RA2BE391J J 390 1/8W Carbon  R2816 See Controls  R2817 See Controls  R2818 See Controls  R2818 See Controls  R2818 See Controls  R2819 VRS-VV3DB183J J 18k 2W Metal 0  R2800 VRS-VV3DB183J J 18k 2W Metal 0  R2801 VRS-VV3DB183J J 18k 2W Metal 0  R2802 VRS-VV3DB183J J 18k 2W Metal 0  R2802 VRS-VV3DB183J J 18k 2W Metal 0  R2803 VS2\$C4544LB1E J 2\$C4544LB AD R2820 VRS-VV3DB183J J 18k 2W Metal 0  R2802 VRC-MA2HG224K J 220k1/2W Solid	AA
— End of PWB-B — R2812 See Controls R2813 VRD-RA2BE391J J 390 1/8W Carbon R2814 VRD-RA2BE391J J 390 1/8W Carbon R2815 VRD-RA2BE391J J 390 1/8W Carbon R2816 See Controls R2817 See Controls R2817 See Controls R2818 See Controls R2818 See Controls R2818 See Controls R2819 VRS-VV3DB183J J 18k 2W Metal 0 R2802 VS2SC4544LB1E J 2SC4544LB AD R2820 VRS-VV3DB183J J 18k 2W Metal 0 R2803 VS2SC4544LB1E J 2SC4544LB AD R2820 VRS-VV3DB183J J 18k 2W Metal 0 R2803 VS2SC4544LB1E J 2SC4544LB AD R2822 VRS-VV3DB183J J 18k 2W Metal 0 R2822 VRC-MA2HG224K J 220k1/2W Solid	AA
PWB-C DUNTK7958WEV1 CRT Socket Unit  TRANSISTORS  ↑ Q2801 V\$2\$C4544LB1E J 2\$C4544LB ↑ Q2803 V\$2\$C4544LB1E J 2\$C4544LB ↑ Q2804 V\$2\$C4544LB1E J 2\$C4544LB ↑ Q2805 V\$2\$C4544LB1E J 2\$C4544LB ↑ Q2806 V\$2\$C4544LB1E J 2\$C4544LB ↑ Q2807 V\$2\$C4544LB1E J 2\$C4544LB ↑ Q2808 V\$2\$C4544LB1E J 2\$C4544LB	
PWB-C DUNTK7958WEV1	
PWB-C DUNTK7958WEV1 CRT Socket Unit  TRANSISTORS  ↑ Q2801 V\$2\$C4544LB1E J 2\$C4544LB ↑ Q2802 V\$2\$C4544LB1E J 2\$C4544LB ↑ Q2803 V\$2\$C4544LB1E J 2\$C4544LB	AA
CRT Socket Unit         R2816         See Controls           TRANSISTORS         R2817         See Controls           ↑ Q2801         V\$2\$C4544LB1E J 2\$C4544LB         AD         R2819         V\$3.7 VV3DB183J J 18k 2W Metal 0           ↑ Q2802         V\$2\$C4544LB1E J 2\$C4544LB         AD         R2820         V\$3.7 VV3DB183J J 18k 2W Metal 0           ↑ Q2803         V\$2\$C4544LB1E J 2\$C4544LB         AD         R2821         V\$3.7 VV3DB183J J 18k 2W Metal 0           ↑ Q2803         V\$2\$C4544LB1E J 2\$C4544LB         AD         R2821         V\$3.7 VV3DB183J J 18k 2W Metal 0           ↑ Q2803         V\$2\$C4544LB1E J 2\$C4544LB         AD         R2821         V\$3.7 VV3DB183J J 18k 2W Metal 0           ↑ Q2803         V\$3.7 VV3DB183J J 18k 2W Metal 0         R2822         V\$3.7 VV3DB183J J 18k 2W Metal 0	AA
R2817   See Controls	AA
TRANSISTORS  R2818 See Controls  ↑ Q2801 V\$2\$C4544LB1E J 2\$C4544LB  AD R2819 VRS-VV3DB183J J 18k 2W Metal 0  ↑ Q2802 V\$2\$C4544LB1E J 2\$C4544LB  AD R2820 VRS-VV3DB183J J 18k 2W Metal 0  ↑ Q2803 V\$2\$C4544LB1E J 2\$C4544LB  AD R2821 VRS-VV3DB183J J 18k 2W Metal 0  R2822 VRC-MA2HG224K J 220k1/2W Solid	
① Q2801 V\$2\$C4544LB1E J 2\$C4544LB       AD       R2819 VRS-VV3DB183J J 18k 2W Metal 0         ① Q2802 V\$2\$C4544LB1E J 2\$C4544LB       AD       R2820 VRS-VV3DB183J J 18k 2W Metal 0         ① Q2803 V\$2\$C4544LB1E J 2\$C4544LB       AD       R2821 VRS-VV3DB183J J 18k 2W Metal 0         R2822 VRC-MA2HG224K J 220k1/2W Solid	
① Q2802 V\$2\$C4544LB1E J 2SC4544LB AD R2820 VRS-VV3DB183J J 18k 2W Metal 0 ② Q2803 V\$2\$C4544LB1E J 2SC4544LB AD R2821 VRS-VV3DB183J J 18k 2W Metal 0 R2822 VRC-MA2HG224K J 220k1/2W Solid	de AA
↑ Q2803 V\$2\$C4544LB1E J 25C4544LB AD R2821 VRS-VV3DB183J J 18k 2W Metal 0 R2822 VRC-MA2HG224K J 220k1/2W Solid	
R2822 VRC-MA2HG224K J 220k1/2W Solid	
	AA
	AA
R2824 VRC-MA2HG102K J 1k 1/2W Solid	AA
COILS R2825 VRC-MA2HG102K ± 1k 1/2W Solid	AA
L2801 VP-2K470K000K J 47µH AB R2826 VRS-VV3DB183 J 18k 2W Metalo	
L2802 VP-2K470K000K J 47µH AB R2827 VRS-VV3DB183J J 18k 2W Metal®	
L2803 VP-2K470K000K J 47µH AB R2828 VRS-VV3DB183J J 18k 2W Metal 0	
CONTROLS MISCELLANEOUS PARTS	
R2811 RVR-B4563CEZZ J 500(B) Green Drive AD P2801 QPLGN0578GEZZ J Plug 5-nin (KY)	AB
R2812 RVR-B4563CEZZ J 500(B) Blue Drive AD P2802 QPLGN0313GEZZ J Plug 3-pin, (H)	AB
RZ816 RVR-B5015CEZZ J 1k(B) Red Bias AC A SC2801 QSOCV0919CEZZ J CRT Socket	AH
R2817 RVR-B5015CEZZ J 1k(B) Green Bias AC	
R2818 RVR-B5015CEZZ J 1k(B) Blue Bias AC	
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- End of PWB-( -

Ref. No.	Part No.	*	Description	Code	Ref. No.		Part No.	*	Description	Code
PWE	B-D DUNTH		57WEV1		PWI	B-E	DUNTK CONTRO	_	56WEV1	
	DI	ODES		-			TRAN	SIS	TOR	
D1701	RH-PX0291CEZ	Z J I	.ED, Power Ind.	AC	Q2301	V S 2	SC945AP/-1			AB
D1703	RH-PX0274CEZ	ZJI	ED, Surround Ind.	AC						,
D1704	RH-PX0274CEZ	Z J 1	.ED, S-Video Ind.	AC						
							DIC	\D.F	c	
					D2301	VHD	<b>DIC</b> 155119//18			AA
	CAPA	CITO	RS				155119//1E	-		AA
C1701	VCKYD41CY103			AA					Zener Diode, 9.1V	AB
C1702	VCEAGA0JW107	<b>M</b> J 1	00 6.3V Electrolytic	AB						
							CAPA	CITO	ORS	
	RES	ISTOR	S		C2301	VCK	YD41CY103N			AA
R1701	VRD-RAZEE101			AA	C2302	VCEA	GA1CW106M	J	10 16V Electrolytic	AA
R1702	VRD-RAZEE101			AA						
R1703 R1704	VRD-RA2EE272 VRD-RA2EE272			AA						
R1704	VRD-RM2HD821			AA AA			RESIS	τ.	DC .	
R1706	VRD-RAZEE272			AA	R2301	VRD.			1k 1/2W Carbon	AA
							-RA2BE470J			AA
	SV	VITCH								
<b>∆</b> \$1701	QSW-P0566CEZ		fain's Power Switch	AL			SWI <sup>-</sup>	ГСН	IS	
					<b>▲</b> \$1711	QSW	-K0095CEZZ			AB
					<b>▲ \$1712</b>	QSW	-K0095CEZZ	J	Channel Up	AB
	MICCELLAN	IFOL:	C D A DTC		<b>▲</b> \$1713		-K0095CEZZ			AB
<b>⚠</b> P1711	MISCELLAN QPLGN0404CEZ			A.D.			-K0095CEZZ			AB
	QPLGN0404CEZ			AB AC			-K0095CEZZ -K0095CEZZ			AB
			emote Control Receiver				-K0095CEZZ			AB AB
							-K0095CEZZ			AB
									Fine-Up, Fine-Down,	AP
									Skip, System, P-Tone,	
									Blue-Back, Surround,	
									Auto-Up, Auto-Down, Preset	
					24240		MISCELLANE			
							N0478GEZZ N0913GEZZ			AB
							N0913GEZZ			AB AB
							N0278GEZZ			AA
			End of PWB-D				-		- End of PWB-E	

Q2001 Q2002 Q2003 Q2004 Q2005 Q2006 Q2007 Q2008 Q2010	TRANS VS2SC1906//1E VS2SC945AP/-1	ED:	CIRCUITS  LA7555  TA8710S  TORS  2SC1906 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC945AP	AM AL AC AB	C2001 C2002 C2003 C2004 C2005 C2006 C2007 C2008 C2009 C2011 C2012 C2013 C2014 C2015 C2016 C2017	VCKYPA1HF103Z VCKYPA1HF103Z VCKYPA1HF103Z VCKYPA1HF103Z VCKYPA1HF103Z VCEAGA1CW107M VCKYPA1HF103Z VCKYPA1HF103Z VCEAGA1HW474M VCFYHA1HA683J VCCCPA1HH9R0D VCKYPA1HF103Z VCEAGA1CW107M VCKYPA1HF103Z	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	J 0.01 J 0.01 J 0.01 J 0.01 J 0.01 J 0.01 J 0.01 J 0.01 J 0.01 J 0.05 J 0.068 J 0.068 J 0.01 J 0.068	50V 50V 50V 50V 16V 50V 50V 50V 50V 50V	M. Ployeste Ceramic Ceramic Electrolytic	AA AA AB AA AB
Q2001 Q2002 Q2003 Q2004 Q2005 Q2006 Q2007 Q2008 Q2010	INTEGRATE VHILA7555//-1 VHITA8710S/-1  TRANS VS2SC1906//1E VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC3399//-1 VS2SC3399//-1	: : : : : : : : : : : : : : : : : : :	TA8710S  TA8710S  TA8710S  TORS  2SC1906 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC945AP	AC AB AB AB AB AB AB	C2002 C2003 C2004 C2005 C2006 C2007 C2008 C2009 C2010 C2011 C2012 C2013 C2014 C2015 C2016	VCKYPA1HF103Z VCKYPA1HF103Z VCKYPA1HF103Z VCKYPA1HF103Z VCEAGA1CW107M VCKYPA1HF103Z VCKYPA1HF103Z VCEAGA1HW474M VCFYHA1HA683J VCCCPA1HH9R0D VCKYPA1HF103Z VCEAGA1CW107M VCKYPA1HF103Z		J 0.01 J 0.01 J 0.01 J 0.01 J 0.01 J 0.01 J 0.01 J 0.01 J 0.05 J 0.01 J 0.068 J 0.01 J 0.068	50V 50V 50V 50V 16V 50V 50V 50V 50V 50V 16V	Ceramic Electrolytic	AA AA AA AA AA AA AA AB
Q2001 Q2002 Q2003 Q2004 Q2005 Q2006 Q2007 Q2008 Q2010	VHILA7555//-1 VHITA8710S/-1  TRANS VS2SC1906//1E VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC3399//-1 VS2SC3399//-1	: : : : : : : : : : : : : : : : : : :	TA8710S  TA8710S  TA8710S  TORS  2SC1906 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC945AP	AC AB AB AB AB AB AB	C2003 C2004 C2005 C2006 C2007 C2008 C2009 C2010 C2011 C2012 C2013 C2014 C2015	VCKYPA1HF103Z VCKYPA1HF103Z VCKYPA1HF103Z VCKYPA1HF103Z VCEAGA1CW107M VCKYPA1HF103Z VCKYPA1HF103Z VCEAGA1HW474M VCFYHA1HA683J VCCCPA1HH9R0D VCKYPA1HF103Z VCEAGA1CW107M VCKYPA1HF103Z	111111111111111111111111111111111111111	9 0.01 9 0.01 9 0.01 9 0.01 1 100 0.01 1 0.01 0.047 0.068 9p 0.01 100	50V 50V 50V 16V 50V 50V 50V 50V 50V 16V	Ceramic Ceramic Ceramic Ceramic Ceramic Ceramic Ceramic Ceramic Electrolytic M. Ployeste Ceramic Ceramic Electrolytic Electrolytic	AA AA AA AA AA AA AB
Q2001 Q2002 Q2003 Q2004 Q2005 Q2006 Q2007 Q2008 Q2010	VHILA7555//-1 VHITA8710S/-1  TRANS VS2SC1906//1E VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC3399//-1 VS2SC3399//-1	: : : : : : : : : : : : : : : : : : :	TA8710S  TA8710S  TA8710S  TORS  2SC1906 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC945AP	AC AB AB AB AB AB AB	C2004 C2005 C2006 C2007 C2008 C2009 C2010 C2011 C2012 C2013 C2014 C2015 C2016	VCKYPA1HF103Z VCKYPA1HF103Z VCKYPA1HF103Z VCEAGA1CW107M VCKYPA1HF103Z VCEAGA1HW474M VCFYHA1HA683J VCCCPA1HH9R0D VCKYPA1HF103Z VCEAGA1CW107M VCKYPA1HF103Z	111111111111	0.01 0.01 0.01 100 0.01 0.01 0.47 0.068 9p 0.01	50V 50V 16V 50V 50V 50V 50V 50V 50V 16V	Ceramic Ceramic Electrolytic Ceramic Ceramic Electrolytic M. Ployeste Ceramic Ceramic Electrolytic Electrolytic	AA AA AA AA AA AB
Q2001 Q2002 Q2003 Q2004 Q2005 Q2006 Q2007 Q2008 Q2010	TRANS VS2SC1906//1E VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC3399//-1 VS2SC3399//-1	: : : : : : : : : : : : : : : : : : :	TA8710S  TORS  2SC1906 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC945AP	AC AB AB AB AB AB AB	C2005 C2006 C2007 C2008 C2009 C2010 C2011 C2012 C2013 C2014 C2015	VCKYPA1HF103Z VCKYPA1HF103Z VCEAGA1CW107M VCKYPA1HF103Z VCKYPA1HF103Z VCEAGA1HW474M VCFYHA1HA683J VCCCPA1HH9R0D VCKYPA1HF103Z VCEAGA1CW107M VCKYPA1HF103Z		0.01 0.01 100 0.01 0.01 0.47 0.068 9p 0.01	50V 50V 16V 50V 50V 50V 50V 50V 16V	Ceramic Ceramic Electrolytic Ceramic Ceramic Electrolytic M. Ployeste Ceramic Ceramic Electrolytic	AA AB AA AA AA AB
Q2001 Q2002 Q2003 Q2004 Q2005 Q2006 Q2007 Q2008 Q2010	TRANS V\$2\$C1906//1E V\$2\$C945AP/-1 V\$2\$C945AP/-1 V\$2\$C945AP/-1 V\$2\$C945AP/-1 V\$2\$C945AP/-1 V\$2\$C945AP/-1 V\$2\$C3399//-1 V\$2\$C3399//-1	(IS)	TORS  2 SC1906  2 SC945AP	AC AB AB AB AB AB AB	C2006 C2007 C2008 C2009 C2010 C2011 C2012 C2013 C2014 C2015 C2016	VCKYPA1HF103Z VCEAGA1CW107M VCKYPA1HF103Z VCKYPA1HF103Z VCEAGA1HW474M VCFYHA1HA683J VCCCPA1HH9R0D VCKYPA1HF103Z VCEAGA1CW107M VCKYPA1HF103Z		0.01 100 0.01 0.01 0.04 0.068 9p 0.01 100	50V 16V 50V 50V 50V 50V 50V 50V 16V	Ceramic Electrolytic Ceramic Ceramic Electrolytic M. Ployeste Ceramic Ceramic Electrolytic	AA AB AA AA AA AA AA AA
Q2002 Q2003 Q2004 Q2005 Q2006 Q2007 Q2008 Q2010	VS2SC1906//1E VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC3399//-1 VS2SC3399//-1	נ נ נ נ נ	2SC1906 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC3399 2SC945AP	AB AB AB AB AB AB	C2007 C2008 C2009 C2010 C2011 C2012 C2013 C2014 C2015 C2016	VCEAGA1CW107M VCKYPA1HF103Z VCKYPA1HF103Z VCEAGA1HW474M VCFYHA1HA683J VCCCPA1HH9R0D VCKYPA1HF103Z VCEAGA1CW107M VCKYPA1HF103Z		100 0.01 0.01 0.47 0.068 9p 0.01	16V 50V 50V 50V 50V 50V 50V 16V	Electrolytic Ceramic Ceramic Electrolytic M. Ployeste Ceramic Ceramic Electrolytic	AB AA AA AA AA AA AA
Q2002 Q2003 Q2004 Q2005 Q2006 Q2007 Q2008 Q2010	VS2SC1906//1E VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC3399//-1 VS2SC3399//-1	נ נ נ נ נ	2SC1906 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC3399 2SC945AP	AB AB AB AB AB AB	C2008 C2009 C2010 C2011 C2012 C2013 C2014 C2015 C2016	VCKYPA1HF103Z VCKYPA1HF103Z VCEAGA1HW474M VCFYHA1HA683J VCCCPA1HH9R0D VCKYPA1HF103Z VCEAGA1CW107M VCKYPA1HF103Z	111111111	0.01 0.01 0.47 0.068 9p 0.01	50V 50V 50V 3 50V 50V 50V 16V	Ceramic Ceramic Electrolytic M. Ployeste Ceramic Ceramic Electrolytic	AA AA AB AA AB
Q2002 Q2003 Q2004 Q2005 Q2006 Q2007 Q2008 Q2010	VS2SC1906//1E VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC3399//-1 VS2SC3399//-1	נ נ נ נ נ	2SC1906 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC3399 2SC945AP	AB AB AB AB AB AB	C2009 C2010 C2011 C2012 C2013 C2014 C2015 C2016	VCKYPA1HF103Z VCEAGA1HW474M VCFYHA1HA683J VCCCPA1HH9R0D VCKYPA1HF103Z VCEAGA1CW107M VCKYPA1HF103Z		0.01 0.47 0.068 9p 0.01 100	50V 50V 50V 50V 50V 16V	Ceramic Electrolytic M. Ployeste Ceramic Ceramic Electrolytic	AA AA AA AA AB
Q2002 Q2003 Q2004 Q2005 Q2006 Q2007 Q2008 Q2010	VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC945AP/-1 VS2SC3399//-1 VS2SC3399//-1 VS2SC3399//-1	ם נ נ נ נ	2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC3399 2SC945AP	AB AB AB AB AB AB	C2010 C2011 C2012 C2013 C2014 C2015 C2016	VCEAGA1HW474M VCFYHA1HA683J VCCCPA1HH9R0D VCKYPA1HF103Z VCEAGA1CW107M VCKYPA1HF103Z		0.47 0.068 9p 0.01 100	50V 50V 50V 50V 16V	Electrolytic M. Ployeste Ceramic Ceramic Electrolytic	AA r AB AA AA AB
Q2003 Q2004 Q2005 Q2006 Q2007 Q2008 Q2010	V\$2\$C945AP/-1 V\$2\$C945AP/-1 V\$2\$C945AP/-1 V\$2\$C945AP/-1 V\$2\$C3399//-1 V\$2\$C3399//-1 V\$2\$C3399//-1	) ) ) ) ) )	2SC945AP 2SC945AP 2SC945AP 2SC945AP 2SC3399 2SC945AP	AB AB AB AB AB	C2011 C2012 C2013 C2014 C2015 C2016	VCFYHA1HA683J VCCCPA1HH9R0D VCKYPA1HF103Z VCEAGA1CW107M VCKYPA1HF103Z	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.068 9p 0.01 100	50V 50V 50V 16V	M. Ployeste Ceramic Ceramic Electrolytic	AA AA AB
Q2004 Q2005 Q2006 Q2007 Q2008 Q2010	V\$2\$C945AP/-1 V\$2\$C945AP/-1 V\$2\$C945AP/-1 V\$2\$C3399//-1 V\$2\$C3399//-1 V\$2\$C3399//-1	ם נ נ נ נ	2SC945AP 2SC945AP 2SC945AP 2SC3399 2SC945AP	AB AB AB AB	C2012 C2013 C2014 C2015 C2016	VCCCPA1HH9R0D VCKYPA1HF103Z VCEAGA1CW107M VCKYPA1HF103Z	1 1 1	9p 0.01 100	50V 50V 16V	Ceramic Ceramic Electrolytic	AA AB
Q2005 Q2006 Q2007 Q2008 Q2010	V\$2\$C945AP/-1 V\$2\$C945AP/-1 V\$2\$C3399//-1 V\$2\$C945AP/-1 V\$2\$C3399//-1 V\$2\$C3399//-1	) (	2SC945AP 2SC945AP 2SC3399 2SC945AP	AB AB AB	C2013 C2014 C2015 C2016	VCKYPA1HF103Z VCEAGA1CW107M VCKYPA1HF103Z	1 1	0.01 100	50V 16V	Ceramic Electrolytic	AA AB
Q2006 Q2007 Q2008 Q2010	VS2SC945AP/-1 VS2SC3399//-1 VS2SC945AP/-1 VS2SC3399//-1	ر ر ز ن	2SC945AP 2SC3399 2SC945AP	AB AB AB	C2014 C2015 C2016	VCEAGA1CW107M VCKYPA1HF103Z	j J	100	16V	Electrolytic	АВ
Q2007 Q2008 Q2010	VS2SC3399//-1 VS2SC945AP/-1 VS2SC3399//-1 DIO VHD1SS119//1E	ر ر ا	2SC3399 2SC945AP	AB AB	C2015 C2016	VCKYPA1HF103Z	J				
Q2008 Q2010 D2001	V\$2\$C945AP/-1 V\$2\$C3399//-1 DIO VHD1\$\$119//1E	) D	2SC945AP	AB	C2016		J	0.01	50V		
Q2010 D2001	VS2SC3399//-1  DIO VHD1SS119//1E	D				VCEAGA1HWA7AM			30 1	Ceram ic	AA
D2001	<b>DIO</b> VHD1SS119//1E	D	2SC3399	AB	C2017			0.47	50V	Electrolytic	AA
	VHD1SS119//1E	_				VCEAGA1CW476M	J	47	16V		AB
	VHD1SS119//1E	_			C2018	VCKYPA1HF103Z	J	0.01	50V	Ceramic	AA
	VHD1SS119//1E	_			C2019	VCKYD41CY103N	J	0.01	16V	Ceramic	AA
	VHD1SS119//1E	_			C2020	VCQYTA1HM103J	J	0.01	50V	Mylar	AA
		- 1	<del>-</del>		C2021	VCQYTA1HM123J	J	0.012	50V	Mylar	AA
				AA	C2022	VCE9GA1CW106M	J	10	16V	Elect. (N.P)	AB
	VHD1SS119//1E			AA	C2023	VCKYPA1HF103Z	j	0.01	50V	Ceramic	AA
	VHD1SS119//1E			AA	C2024	VCEAGA1CW106M .	J	10	16V	Electro lytic	AA
	VHD1SS119//1E	-		AA	C2025	VCKYPA1HF103Z .	J	0.01	50V	Ceramic	AA
	RH-EX0440CEZZ			AA	C2026	VCKYPA1HF103Z .	J	0.01	50V	Ceramic	AA
D2006 \	VHD1SS119//1E	J	1\$\$119	AA	C2027	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
D2007 \	VHD1\$\$119//1E	j	1SS119	AA	C2028	VCKYPA1HB471K	j	470p	50V	Ceramic	AA
					C2029	VCKYPA1HB471K	J	470p	50V	Ceramic	AA
					C2030	VCKYPA1HF103Z	J	0.01	50V	Ceramic	AA
	COILS AND TRA				C2031	VCCCPA1HH680J J	j	68p	50V	Ceramic	AA
CF2001 F	RFILC0205CEZZ	J	Ceramic Filter	AD	C2032	VCKYD41CY103N	j	0.01	16V	Ceramic	AA
			6.0 MHz Discriminator		C2033	VCEAGA1CW107M J	J	100	16V	Electrol ytic	AB
CF2002 F	RFILC0078GEZZ	J	Ceramic Filter	AD	C2034	VCKYD41CY103N J	J	0.01	16V	Ceramic	AA
			4.5 MHz Discriminator								
CF2003 F	RFILC0143CEZZ	J	Ceramic Filter	AD							
			5.5 MHz Filter								
CF2004 R	RFILC0144CEZZ	J	Ceramic Filter	AD		RESIST	0	RS			
			6.0 MHz Filter		R2001	VRD-RA2BE562J J	)	5.6k 1	/8W C	Carbon .	AA
CF2005 R	RFILC0145CEZZ	J	Ceramic Filter	AE	R2002	VRD-RA2BE152J J		1.5k 1	/8W C	arbon .	AA
			6.5 MHz Filter		R2003	VRD-RA2BE680J J		68 1	/8W C	arbon	AA
CF2006 R	RFILC0174CEZZ	j	Ceramic Filter,	AD	R2004	VRD-RA2BE332J J		3.3k 1.	/8W C	arbon ,	AA
			4.5 MHz Filter			VRD-RM2HD221J J					AA
CF2007 R	RFILA0050CEZZ	J	Ceramic Filter,	AC		VRD-RAZEES61J J					AA
			500kHz Oscillator			VRD-RA2BE223J J					AA
CF2008 R	RFILC0084CEZZ	J	Ceramic Filter, 6.0 MHz	AF		VRD-RA2BE223J J					<b>4</b> Α
L2001 V	/P-XF1R0K0000	J	Coil, 1 <sub>µ</sub> H	AB		VRD-RAZEE561J J					<b>Δ</b> Α
_2004 V	/P-XF220K0000	J	Coil, 22µH	AB		VRD-RA2BE223J J					AA
	/P-XF100K0000			AB		VRD-RA2BE223J J					~~ 4A
SF2001 R	FILC0232CEZZ	J	Surface Acoustic	AN		VRD-RA2BE223J J					AA
			Wave Filter			VRD-RA2BE223J J					AA
r2001 R	CILIO543CEZZ	J	S.A.W. Matching Coil	AD		VRD-RA2BE122J J					Ä
Г2002 R	CILD0199CEZZ	J	AFT Coil	AD		VRD-RA2BE103J J					VA
72003 R	CILD0096CEZZ .	J	V.C.O. Coil	AE		VRD-RA2BE824J J					<b>√</b> A

Ref. No.		Part No.	*	Description	Code	Ref. No.		Part No.	4	r I	Desc	cription	Code
PW	M-A	DUNTK7				PWI	M-B	DUNTK AV UNIT		961V	VE	V1	
		RESISTORS (	Cor	rtinued)				INTEGRAT	ED	CIRCI	UIT		
R2017	VRD-	-RA2BE332J	1 3	3.3k 1/8W Carbon	AA	IC1401	VHIT	A8742//-1	j	TA87	42		AN
R2018	VRD-	-RA2BE561J	J	60 1/8W Carbon	AA								
R2019	VRD.	-RA2BE151J	J 1	50 1/8W Carbon	AA								
R2020	VRD.	-RA2BE222J	1 2	2.2k 1/8W Carbon	AA								
R2021				00 1/8W Carbon	AA			TRANS					
R2022				170 1/2W Carbon	AA	Q1301	V S 2 S	A1015Y/1E	j	2SA10	015(	Y)	AC
<b>⚠</b> R2023				2 1/4W Fuse Resistor				A1015Y/1E			•	•	AC
R2024				2k 1/8W Carbon	AA			A1015Y/1E				•	AC
R2025				2k 1/8W Carbon	AA			A1015Y/1E				-	AC
R2026		RA2BE562J		5.6k 1/8W Carbon	AA			C945AP/-1					AB
R2027				5.6k 1/8W Carbon	AA	•		C945AP/-1					AB
R2028 R2029		RA2BE102J			AA AA			C945AP/-1				1	A8
R2029		RAZBE102J		8k 1/8W Carbon	AA	•		C3399//-1	-				AB
R2031		RA2BE683J		8k 1/8W Carbon	AA			C3399//-1 A1015Y/1E				<b>ν</b> \	AB
R2032				8k 1/8W Carbon	AA			A10157/1E			,	•	AC AC
R2033		RAZBE683J		8k 1/8W Carbon	AA	Q1407	V J Z J	A1013171E	J	23A10	113/	1)	AC
R2034				8k 1/8W Carbon	AA								
R2036				0k 1/8W Carbon	AA								
R2038				2k 1/8W Carbon	AA			DIO	DE	S			
R2039				2k 1/8W Carbon	AA	D1301	VHD	ISS119//1E			9		AA
R2040	VRD-	RA2BE561J	J 5	60 1/8W Carbon	AA			ISS119//1E	-		-		AA
R2041	VRD-	RA2BE561J	J .5	60 1/8W Carbon	AA	D1303	V H D 1	ISS119//1E	j	15511	9		AA
R2042	VRD-	RA2BE561J	J 5	60 1/8W Carbon	AA	D1304	VHD1	ISS119//1E	J	15511	9		AA
R2043	VRD-	RA2BE102J	J 1	k 1/8W Carbon	AA	D1305	VHD1	ISS119//1E	J	15511	9		AA
R2044	VRD-	RA2BE102J	J 1	k 1/8W Carbon	AA	D1402	VHD1	ISS119//1E	J	15511	9		AA
R2045	VRD-	RA2EE105J	J 1	M 1/4W Carbon	AA	D1403	VHD1	SS119//1E	J	15511	9		AA
R2046	VRD-	RA2BE472J	J 4	.7k 1/8W Carbon	AA	D1404	VHD1	S S 1 1 9 // 1 E	J	1\$\$11	9		AA
R2047		RA2BE561J		60 1/8W Carbon	AA	D1405	VHD1	SS119//1E	J	1\$\$119	9		AA
R2048		RA2BE821J	-	20 1/8W Carbon	AA	D1406	VHD1	SS119//1E	j	155119	9		AA
R2049 R2050		RA2BE562J		.6k 1/8W Carbon 0k 1/8W Carbon	AA AA								
					,								
						054404		ILS AND TR					
		MISCELLANE	OII:	CDADTC				0013CEZZ				ter	AE
P2001					4.0			F150K0000			•		AB
P2001		120707GEZZ 120607GEZZ		•	AC AC	L1402	VP-DI	F120K0000	J	Coil, 12	ZμH		AB
								CAPAC	:IT	ORS			
								6A1HW475M	_			Electrolytic	AB
								A1HW105M	-			Electrolytic	AC
								A1HW105M				Electrolytic	AC
								A1HW105M				Electrolytic	AC
								041HB101K					AA
								A1UW476M				Electrolytic	
								A1HW105M				Electrolytic	
								A1HL101J A1CW476M					AA AB
								A1CW476W				Electrolytic Electrolytic	
				End of PWM-A -		G1701			•			Liectiolytic	

Ref. No.		Part No.	*		Desc	ription	Code	Ref. No.	Pai	rt No.	1	ŀ	Description	Code
PWI	M-B	DUNTK	79	61	٧E١	/1				ESISTORS	-		-	
		AV UNIT (	(C	onti	inue	d)		R1409					1/4W Carbon	AA
		CARACITORS						_ R1410			-		1/8W Carbon	AA
C4 400		CAPACITORS	-			-		R1411		A2BE562			1/8W Carbon	AA
C1402		CPA1HH181J		,	•		AA	R1412					1/8W Carbon	AA
C1403		CPA1HH181J					AA	R1413					1/8W Carbon	AA
C1405		AGA1CW106M		. •		Electrolytic		R1414					1/8W Carbon	AA
C1406 C1407		CPA1HH820J				Ceramic	AA	R1415		A2EE331J			1/4W Carbon	AA
C1407		9GA1HW105M 9GA1HW105M			50V	Elect. (N.P) Elect. (N.P)	AB AB	R1416					1/4W Carbon	AA
C1410		YPA1HF103Z				Ceramic	AA	R1418 R1419			-		1/8W Carbon	AA
C1411		AGA1CW107M				Electrolytic		R1421		42BE473J			1/8W Carbon	AA
C1412		AGA1CW477M			16V			/\ R1422		2EB100J				AA
C1413		AGA1CW106M			16V			R1425					1/4W Fuse Resistor	
C1414		AGA1CW107M			16V	•	AB	R1425		12804713 128E101J			1/2W Carbon 1/8W Carbon	AA AA
C1415		AGA1CW107M		100	16V		AB	R1427		A28E101J			1/8W Carbon	AA
C1416		AGA1CW107M			16V		AB	/\ R1428		2EB100J			1/4W Fuse Resistor	
C1417		YPA1HF103Z				Ceramic	AA	⚠ R1429		2EB100J		_	1/4W Fuse Resistor	
C1418		YPA1HF103Z			• • • •	Ceramic	AA	R1430		12HD221J			1/2W Carbon	AA
			-					R1431		2EE750J	-		1/4W Carbon	AA
								R1432			-		1/8W Carbon	AA
								R1433		2EE750J			1/4W Carbon	AA
		RESIS	TO	RS				R1434		2BE473J			1/8W Carbon	AA
R1301	VRD	-RA2BE102J	J	1k	1/8W	Carbon	AA	R1435	VRD-RA	28E473J	J	47k	1/8W Carbon	AA
R1304	VRD	-RA2BE102J	J	1k	1/8W	Carbon	AA	R1440	VRD-RA	2EE102J	j	1	1/4W Carbon	AA
R1305	VRD	-RA2EE562J	J	5.6k	1/4W	Carbon	AA							
R1306	VRD	-RA2BE101J	J	100	1/8W	Carbon	AA							
R1307	VRD	-RA2BE102J	j	1k	1/8W	Carbon	AA							
R1308	VRD	-RA2EE562J	J	5.6k	1/4W	Carbon	AA		Mi	SCELLANI	0	US P	ARTS	
R1309	VRD	-RA2BE101J	j	100	1/8W	Carbon	AA	P1401	QPLGNO	562CEZZ	J	Plug	5-pin, (V1)	AB
R1310	VRD	-RA2BE101J	J	100	1/8W	Carbon	AA	P1402	QPLGNO	562CEZZ	J	Plug	5-pin, (V2)	AB
R1311	VRD	-RA2BE101J	J	100	1/8W	Carbon	AA	P1301	QPLGNO	762CEZZ	J	Plug	7-pin, (V3)	AB
R1312		-RA2BE473J					AA	P1302	QPLGN1	062CEZZ	J	Plug	10-pin, (V4)	AC
R1313		-RA2BE473J					AA							
R1314		-RA2BE103J			-	Carbon	AA							
R1315		-RA2BE183J		•		Carbon	AA							
		-RA2BE101J					AA							
		-RAZEE152J					AA							
		-RUZEE681J					AA							
		-RA2BE104J					AA							
		-RA2EE152J					AA							
		-RA2BE104J					AA							
		-RA2EE681J					AA							
		-RA2BE103J -RA2BE183J					AA							
		-RA2BE101J					AA							
		-RA2BE393J					AA AA							
		-RF2EB100J												
		-RA2BE101J					AA							
		-RA2BE102J					AA							
		-RA2BE103J					AA							
		-RA2BE103J					AA							
		RA2BE562J					AA							
		-RA2BE562J					AA							*
		RA2BE562J					AA							
							- •			_		- Enc	of PWM-B	_

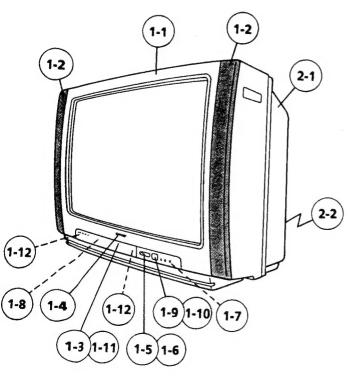
Ref. No.	Part No. * Description	Code	Ref. No.	Part No.	ź	r	Descri	ption	Code
PW	M-C DUNTK7962WEV1			CAPACITOR	S (6	Conti	nued)		
	VCJ UNIT			VCQYTA1HM223J				•	AA
				VCCCPA1HH121					AA
	INTEGRATED CIRCUIT			VCCCPA1HH101J					AA
IC1801	RH-IX0969CEN1 J TA8659AN	BA		VCEAGA1HW105M			50V	Electrolytic	AC
			C1611				6.3V	Electrolytic	AB
				VCKYD41CY103N				Ceramic	AA
	TRANSICTOR		C1801					M. Polyeste	
03404	TRANSISTOR V\$2\$A1015Y/1E J 2\$A1015(Y)		C1804					Electrolytic	
Q2401	V323A10131/1E J 25A1015(1)	AC	C1805	VCKYPA1HF103Z				Ceramic	AA
			C1806	VCEAGA1CW106M				Electrolytic	
			C1807					Ceramic	AA
	DIODES		C1808	VCKYD41CY103N				Ceramic	AA
D1601	RH-EX0395GEZZ J Zener Diode	AA	C1812	VCKYPA1HF103Z				Ceramic	AA
D1602	RH-EX0041TAZZ J Zener Diode	AC		VCFYHA1HA563J VCKYPA1HF103Z				Ceramic	
D1603	RH-EX0384GEZZ J Zener Diode	AA		VCE9GA1HW105M				Elect. (N.P)	AA
D1801	RH-EX0395GEZZ J Zener Diode	AA		VCQYTA1HM103J				Mylar	AB AA
				VCCCPA1HH220J				Ceramic	AA
	• •			VCCCPA1HH330J		-		Ceramic	AA
				VCCCPA1HH220J				Ceramic	AA
	PACKAGED CIRCUITS		C1820	VCCCPA1HH150J		•		Ceramic	AA
X1801	RCRSB0067CEZZ J Crystal, 4.43 MHz	AQ	C1821	VCEAGA1HW474M		•		Electrolytic	
X1802	RCRSB0001PEZZ R Crystal, 3.58 MHz	AL	C1822	VCFYHA1HA563J					
				VCEAGA1HW474M					
				VCCSPA1HL181J				•	AA
			C1903	VCEAGA1HW474M	J	0.47	50V	Electrolytic	AA
	COIL AND TRANSFORMERS		C1904	VCCSPA1HL181J	J	180p	50V	Ceramic	AA
CF1601	RFILA0005CEZZ J Ceramic Filter,	AE	C1905	VCCSPA1HL181J	J	180p	50V	Ceramic	AA
	503 kHz Osc.		C1906	VCCSPA1HL151J	J	150p	50V	Ceramic	AA
	RCILZ0475CEZZ J Coil, 1H-DL	AP	C1907	VCCCPA1HH390J	j	39p	50V	Ceramic	AA
	RCILZ0629CEZZ J Coil, Y-DL	AG	C1908	VCCCPA1HH180J		,		Ceramic	AA
L1801	VP-DF8R2K0000 J Coil, 8.2μH	AB		VCKYPA1HF103Z				Ceramic	AA
L2401	VP-MK390K0000 J Coil, 39μH	AB		VCCCPA1HH151J		•		Ceramic	AA
T1801	RCiLZ0511CEZZ J 1H Delay Phase Coil	AD		VCCCD11HH220J		•		Ceramic	AA
T1901	RCiLi0435CEZZ J IFCoil,	AE	C1912	VCFYHA1HA563J	J	0.056	50V I	M. Poiyester	AB
T1000	B-Y Discriminator			VCKYPA1HF103Z	J	0.01	50V (	Ceramic	AA
T1902	RCILIO435CEZZ J IFCoil,	AE	C2401	VCKYPA1HF103Z			50V (	Ceramic	AA
T1003	R-Y Discriminator			VCEAGA1CW477M				Electrolytic	
T1903 T1904	RCILIO364CEZZ J IFCoil, Bell Filter	AD		VCEAGA1CW476M				Electrolytic	
11304	R C i L i 0 4 3 5 C E Z Z J IF Coil, SECAM Killer	AE		VCEAGA1CW227M				Electrolytic	
				VCKYPA1HF103Z				Ceramic	AA
				VCEAGA1CW106M VCEAGA1HW105M				Electrolytic	
	CONTROLS			VCCCPA1HH560J				Electrolytic Ceramic	
R1804	RVR-B5266CEZZ J 20k(B) Sub-Colour	AB		VCCCPA1HH101J					AA AA
R1805	RVR-B5265CEZZ J 10k(B) Sub-Hue	AB		VCEAGA1CW106M		-			
R1810	RVR-B5261CEZZ J 1k(B) DL-Amp.	AB	C2410	VCEAGA1HW224M				lectrolytic lectrolytic	ΑΑ
				VCEAGA1HW224M					AA
				VCEAGA1HW224M					AA
				VCKYPA1HF103Z				•	AA
	CAPACITORS			VCEAGA1CW106M				Electrolytic	
C1601	VCEAGA1CW227M J 220 16V Electrolytic	AC			-	-			1
C1602	VCQYTA1HM223J J 0.022 50V Mylar	AA							
C1603	VCEAGA1HW225M J 2.2 50V Electrolytic	A D							

Ref. No.	. Part No.		* Description	Code	Ref. No.	Part No.	,	*	Description	Code
PW	M-C DUNTK	7	962WEV1			MISCELLA			JS PARTS	
			Continued)		P1601	QPLGN0662CE2	ZZ .	J	Plug 6-pin, (Y1)	AB
			***************************************		P1602	QPLGN1062CEZ	Ζ.	j	Plug 10-pin, (Y2)	AC
	RESI				P1801	•	Ζ.		Plug 2-pin, (CC)	AA
R1601		-		AA	P1802	•			Plug 2-pin, (CS)	AA
R1602			J 470 1/8W Carbon	AA	P1803	QPLGN0278GEZ	Z J	1	Plug 2-pin, (CP)	AA
R1603			J 3.3k 1/8W Carbon	AA	P1804				Plug 8-pin, (SY)	AC
R1604		-	J 33k 1/8W Carbon	AA	P2401	QPLGN0962CEZ			Plug 9-pin, (Y3)	AC
R1605			J 150k1/8W Carbon	AA	P2402	QPLGN0662CEZ	Z		Plug 6-pin, (Y4)	AB
R1606			J 470 1/8W Carbon	AA						
R1609			J 56k 1/8W Carbon	AA						
R1610				AA						
R1611				AA						
R1801				AA						
R1802				AA						
R1803		J,	1 1k 1/8W Carbon	AA						
R1804										
R1805										
R1806				AA						
R1807				AA						
R1808				AA						
R1809		١.	390 1/8W Carbon	AA						
R1810										
R1811	VRD-RA2BE222J		2.2k 1/8W Carbon	AA						
R1812		J	330k 1/8W Carbon	AA						
R1813		j	15k 1/8W Carbon	AA						
R1816	VRD-RA2BE333J	J	33k 1/8W Carbon	AA			_		End of PWM-C	
R1817				AA					Lind Of F Tritie	
R1820	VRD-RA2BE222J	j	2.2k 1/8W Carbon	AA						
R1821	VRD-RA2BE222J	J	2.2k 1/8W Carbon	AA		MISCELLAN	FC	1	IS DARTS	
R1822	VRD-RAZEE475J	J	4.7M 1/4W Carbon	AA		MISCELLAIT			JJ I AIK I J	
R1823	VRD-RA2BE332J			AA						
R1824	VRD-RA2BE102J	J	1k 1/8W Carbon	AA	SP301	RSP-Z0083CEZ				AW
R1825	VRD-RA2BE102J	J	1k 1/8W Carbon	AA	SP302	RSP-Z0083CEZ				AW
R1826	VRD-RA2BE102J	_		AA	$\triangle$	CACCZ2057CE01	J	Α	.C Cord	AN
R1827	VRD-RA2BE102J	J	1k 1/8W Carbon	AA						
R1901	VRD-RA2BE561J			AA						
	VRD-RA2BE822J			AA						
	VRD-RA2BE561J			AA						
	VRD-RA2BE822J			AA						
	VRD-RA2BE102J			AA						
	VRD-RA2BE681J			AA						
	VRD-RA2BE102J			AA						
	VRD-RA2EE475J			AA						
	VRD-RA2BE222J			AA						
	VRD-RA2BE182J			AA						
	VRD-RA2BE222J			AA						
	VRD-RA2BE681J			AA						
	VRD-RA2BE823J			AA						
	VRD-RA2BE154J			AA						
	VRD-RA2BE103J			AA						
	VRD-RA2BE152J			AA						
	VRD-RA2BE101J			AA						•
	VRD-RA2BE101J			AA						
R2411	VRD-RA2BE101J	J	100 1/8W Carbon	AA						
						— End of MISC	ELI	LA	NEOUS PART	
		_								

Ref. No.	Part No.	*	Description	Code	Ref. No.	Part No.	*	Description	Code
	PACKII (NOT REPLA	_				SUPPLIED	ACC	ESSORIES	
	SPAKC5823PE	ZZ – Pa	acking Case	_		ACCI	ESSOF	RIES	······································
	SPAKPO083PE	ZZ - Po	olystyrene Mat	_	q	PLGA0011CE	ZZJ	AC Plug Adaptor	AF
	SPAKX0374PEZ	Z - B	uffer Material			RMCG0933PES			AZ
	TLABK0001PE	ZZ - N	umber Card	_				Control Unit	
					ACC	ESSORIES (NO	T REPI	LACEMENT ITEM	)
								Operation Manual	_
					U	BATU1032CCN	11 -	Dry Batteries,	_
								Size AAA (2 pcs)	

---- End of PACKING PARTS ----

— End of SUPPLIED ACCESSORIES —

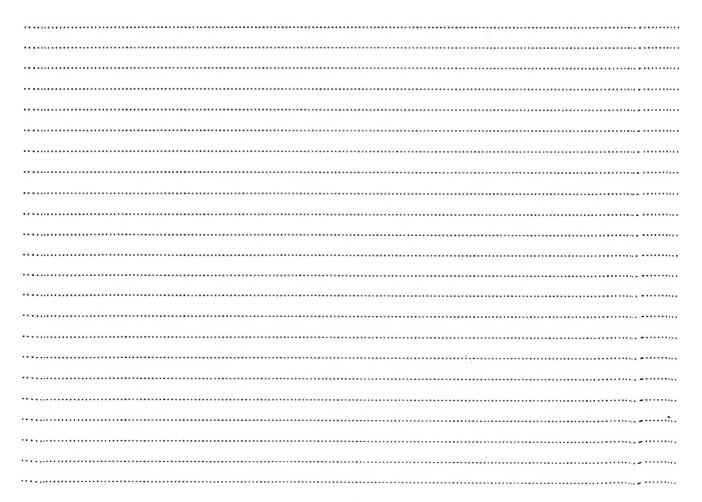


## **CABINET PARTS**

1	CCABA2177WEV0	R	Cabinet Ass'y, Front	BY
1-1	Not Available	-	Cabinet, Front	
1-2	Not Available	_	Perforation Cover	_
1-3	GDORF0142PESA	R	Door	A۱
1-4	HBDGB3097CESA	J	Badge "SHARP"	AC
1-5	HDECP0145CEZZ	J	Decoration Plate, R/C	AC
1-6	HDECQ0028PESA	R	Decoration Plate, Window	AD
1-7	HDECQ0029PESA	R	Decoration Plate, LED	AD
1-8	HINDP4173CEZZ	J	Indication Plate, inside the door	AG
1-9	JBTN-0104PESA	R	Button, Power	AF
1-10	MSPRC0005PEFW	R	Spring, Power Button	AA
1-11	PKA1-0001PE00	R	Door Latch	AF
1-12	PSPAG0007PE00	J	Rubber Spacer	AA
2	CCABB2156WEV0	R	Cabinet Ass'y, Rear	BN
2-1	Not Available	-	Cabinet Rear	_
2-2	HINDP4175CEZZ	J	Indication Plate, AV	AF

- End of CABINET PARTS -

## Memo



## SHARP